FCC RF Test Report

APPLICANT	:	Dexter Axle
EQUIPMENT	:	DEX 102
BRAND NAME	:	DEXTER
MODEL NAME	:	DEX-102
FCC ID	:	2BOIO-DEX102
STANDARD	:	FCC Part 15 Subpart C §15.247
CLASSIFICATION	:	(DTS) Digital Transmission System
TEST DATE(S)	:	Apr. 03, 2025 ~ Apr. 07, 2025

This product installed a RF module (Brand Name: ESPRESSIF, Model Name: ESP32-S3-WROOM-1, FCC ID: 2AC7Z-ESPS3WROOM1) during the test, only Conducted Power and RSE test items are tested in this report, all the other test results are leveraged from module RF report.

We, Sporton International Inc. (Shenzhen), 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 of Sporton International Inc. (Shenzhen), the test report shall not be reproduced except in full.

Fly Liang

Approved by: Fly Liang

ACCREDITED
Cert #5145.01

Sporton International Inc. (ShenZhen)

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People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR531715B	Rev. 01	Initial issue of report	Jun. 24, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
-	15.247(a)(2)	6dB Bandwidth	≥ 0.5MHz	Pass	1
-	-	99% Bandwidth	-	Report Only	1
3.1	15.247(b)	Power Output Measurement	≤ 30dBm	Pass	-
-	15.247(e)	Power Spectral Density	≤ 8dBm/3kHz	Pass	1
-	15.247(d)	Conducted Band Edges	≤ 20dBc	Pass	1
		Conducted Spurious Emission		Pass	1
3.2	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	15.209(a) & 15.247(d)	Pass	Under limit 3.10 dB at 4824.00 MHz
-	15.207	AC Conducted Emission	15.207(a)	Not Applicable	EUT not connect to AC Mains
3.3	15.203 & 15.247(b)	Antenna Requirement	15.203 & 15.247(b)	Pass	-
Remark1: The conducted test results were leveraged from module RF report which can refer to Report No. FR1N0920B.					

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.

1 General Description

1.1 Applicant

Dexter Axle
2900 Industrial parkway; Elkhart, IN 46515

1.2 Manufacturer

Shenzhen Xiyuan Electronic Technology Co.,Ltd.
Room 602, Huachuangda Business Building, Cuizhu Road, 46 District, Bao'an District, Shenzhen , Guangdong province, P.R.China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	DEX 102
Brand Name	DEXTER
Model Name	DEX-102
FCC ID	2BOIO-DEX102
SN	nkMjrhBC
HW Version	V 2.3
SW Version	V 0.1.11
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Channel Frequency Range	2412 MHz ~ 2462 MHz
Antenna Type / Gain	PCB Antenna with gain 3.26 dBi
Type of Modulation	802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ 03CH01-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH01-SZ	AUDIX	E3	6.2009-8-24

1.8 Applicable Standards

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

- 47 CFR Part 15 Subpart C §15.247
- FCC KDB 558074 D01 15.247 Meas Guidance v05r02
- ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.

2.1 Carrier Frequency and Channel

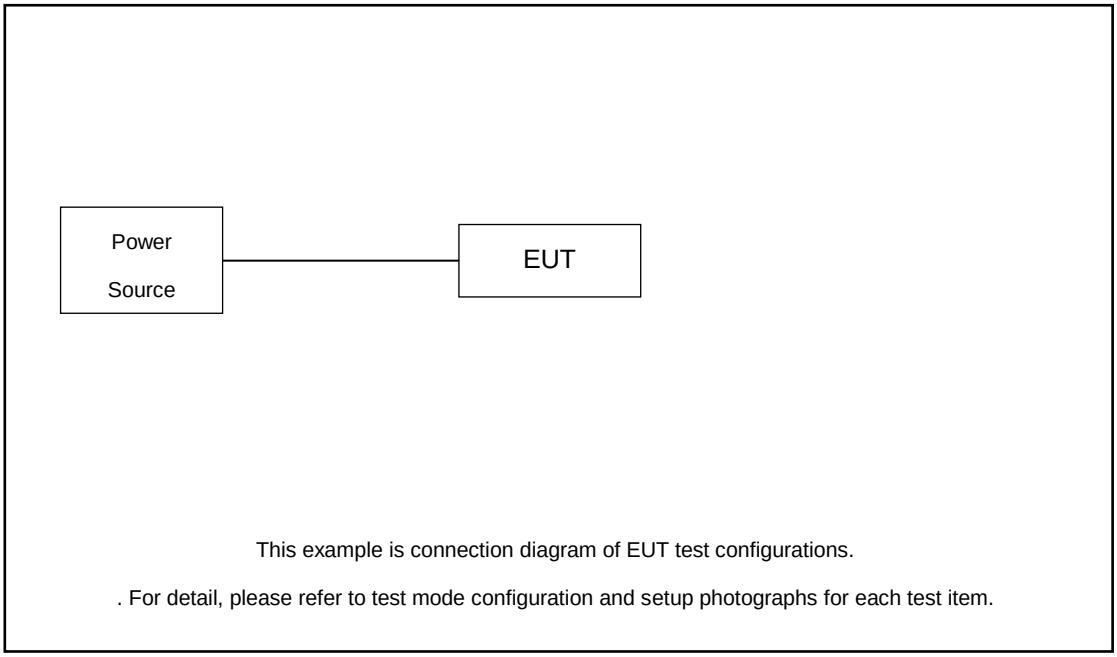
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
2400-2483.5 MHz	1	2412	7	2442
	2	2417	8	2447
	3	2422	9	2452
	4	2427	10	2457
	5	2432	11	2462
	6	2437	-	-

2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

Modulation	Data Rate
802.11b	**1 Mbps**
802.11g	**6 Mbps**
802.11n HT20	**MCS0**
802.11n HT40	**MCS0**

2.3 Connection Diagram of Test System



2.4 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous transmit.

3 Test Result

3.1 Output Power Measurement

3.1.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5MHz, the limit for peak output power is 30dBm. If transmitting antenna with directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

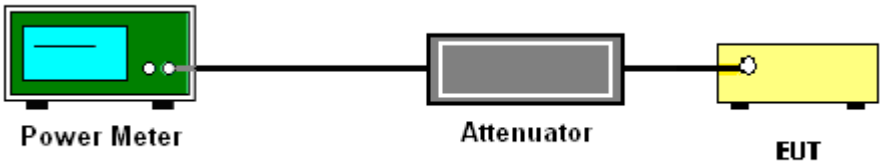
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

1. The testing follows the Measurement Procedure of ANSI C63.10-2013 clause 11.9.1.3 PKPM1 Peak power meter or ANSI C63.10-2013 clause 11.9.2.3.1 Method AVGPM method.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of Peak Output Power

Test Item	Mode	Worst Result
Part 15C 2.4G WIFI		
Peak Output Power	2.4G WIFI worse 11g CH6	25.07dBm

3.2 Radiated Band Edges and Spurious Emission Measurement

3.2.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

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

3.2.2 Measuring Instruments

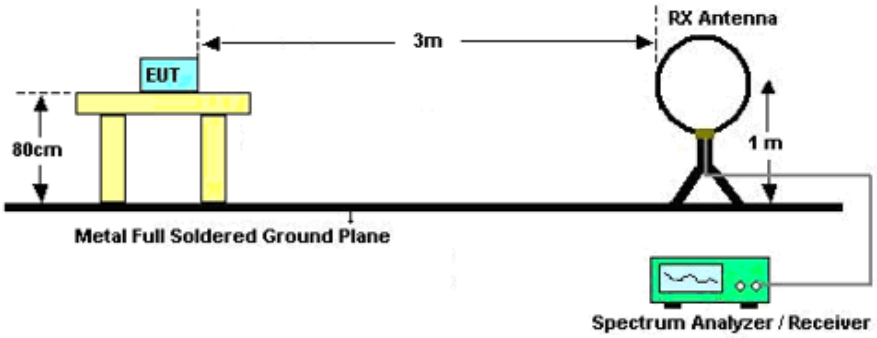
The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

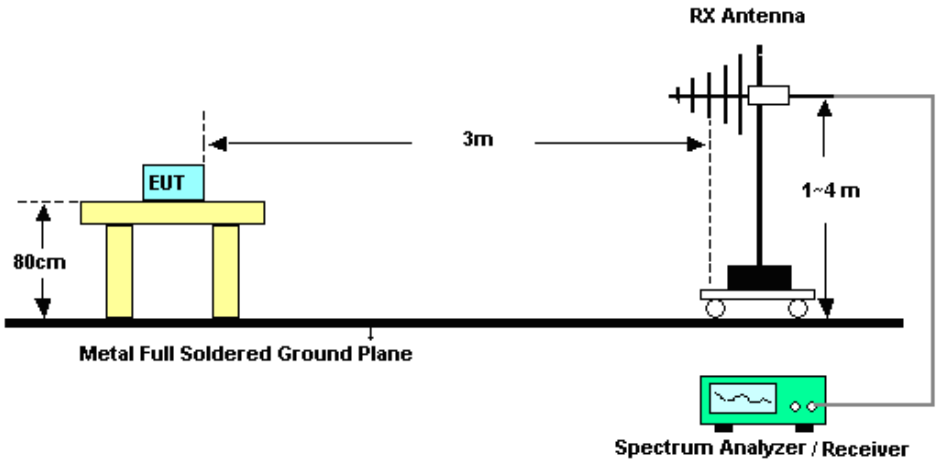
1. The testing follows ANSI C63.10-2013 clause 11.11 & 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
   (3) Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement.
   For average measurement:
   - 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.

3.2.4 Test Setup

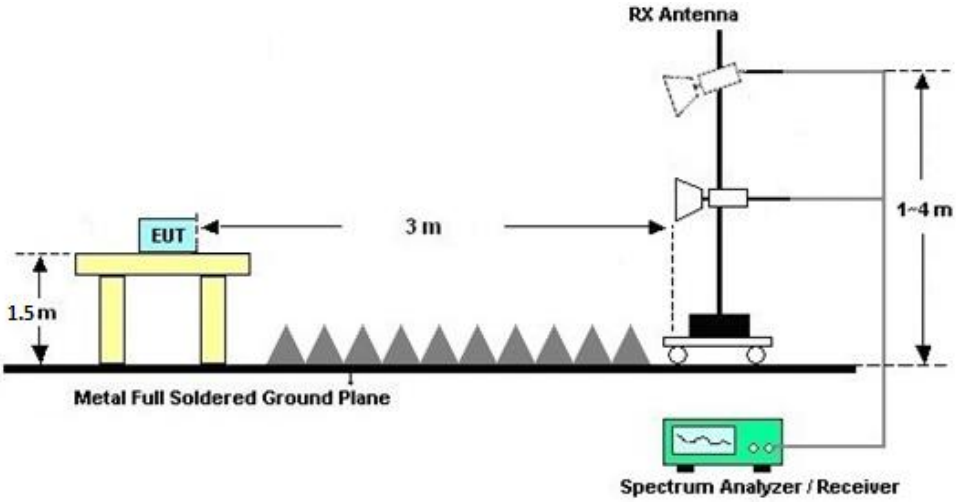
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix A.

3.2.7 Duty Cycle

Please refer to Appendix B.

3.2.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)

Please refer to Appendix A.

3.3 Antenna Requirements

3.3.1 Standard Applicable

If directional gain of transmitting Antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. 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 rule.

3.3.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.3.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 09, 2024	Apr. 07, 2025	Apr. 08, 2025	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 25, 2024	Apr. 07, 2025	Dec. 24, 2025	Conducted (TH01-SZ)
Power Sensor	Anritsu	MA24440A	11707	50MHz-40GHz	Jan. 02, 2025	Apr. 07, 2025	Jan. 01, 2026	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Dec. 25, 2024	Apr. 03, 2025~ Apr. 07, 2025	Dec. 24, 2025	Radiation (03CH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2024	Apr. 03, 2025~ Apr. 07, 2025	Jul. 02, 2025	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Apr. 03, 2025~ Apr. 07, 2025	Dec. 27, 2025	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Apr. 03, 2025~ Apr. 07, 2025	Oct. 23, 2025	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Apr. 03, 2025~ Apr. 07, 2025	Jul. 03, 2025	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 09, 2024	Apr. 03, 2025~ Apr. 07, 2025	Apr. 08, 2025	Radiation (03CH01-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000Mhz	Apr. 09, 2024	Apr. 03, 2025~ Apr. 07, 2025	Apr. 08, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 14, 2024	Apr. 03, 2025~ Apr. 07, 2025	Oct. 13, 2025	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Apr. 03, 2025~ Apr. 07, 2025	Oct. 13, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2024	Apr. 03, 2025~ Apr. 07, 2025	Jul. 02, 2025	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	Oct. 14, 2024	Apr. 03, 2025~ Apr. 07, 2025	Oct. 13, 2025	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Apr. 03, 2025~ Apr. 07, 2025	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Apr. 03, 2025~ Apr. 07, 2025	NCR	Radiation (03CH01-SZ)

NCR: No Calibration Required

5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	±1.34 dB

Uncertainty of Radiated Emission Measurement (9 KHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.8dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.2dB

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0dB

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.3dB

---------- THE END ----------

Appendix A. Radiated Spurious Emission Test Data

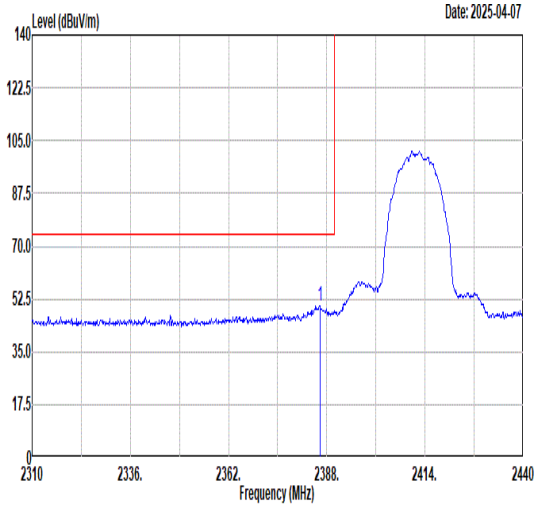
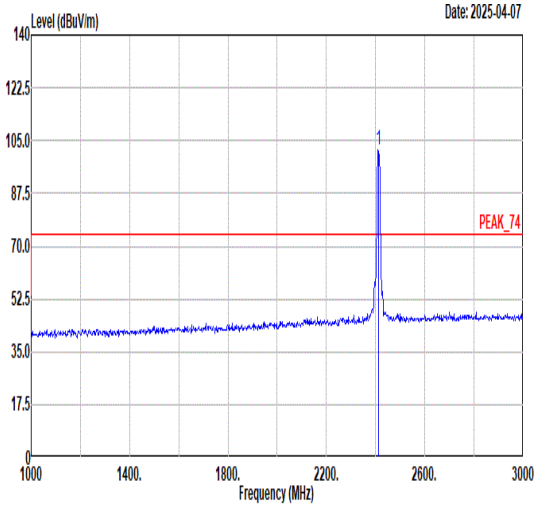
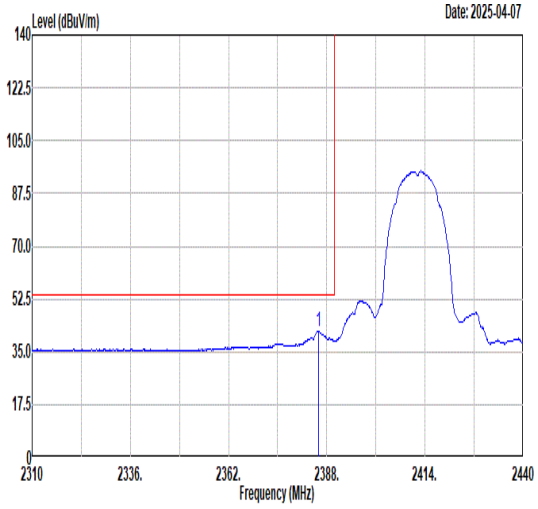
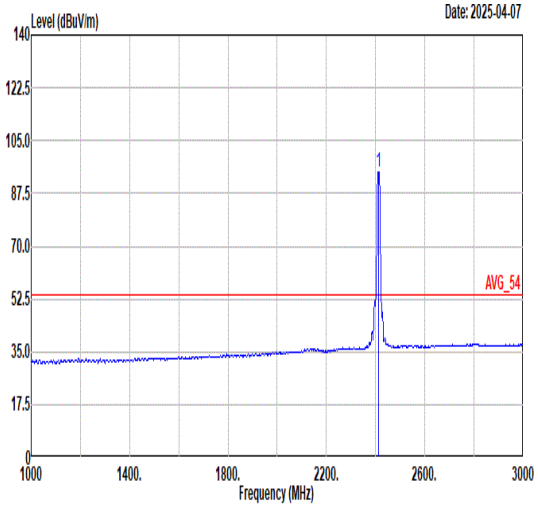
Test Engineer :	HuaCong Liang	Relative Humidity :	50%
		Temperature :	20-22℃

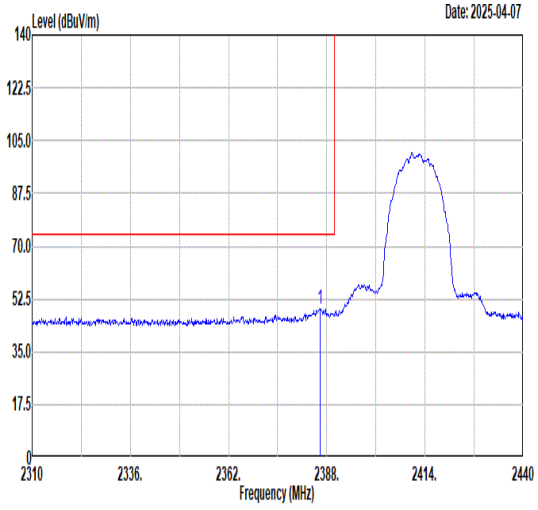
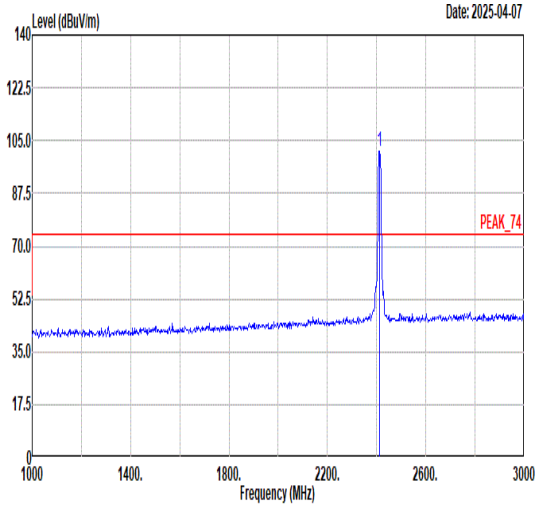
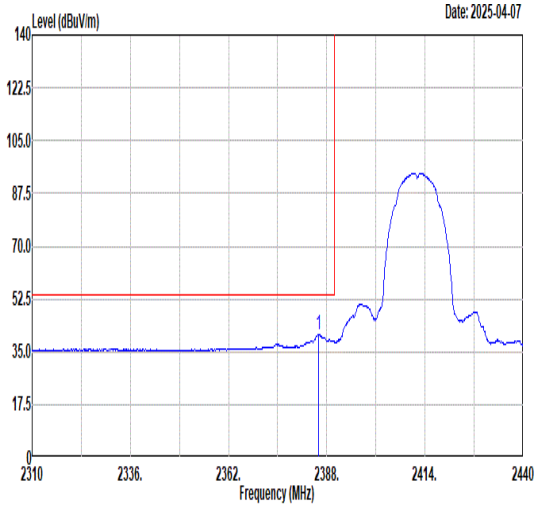
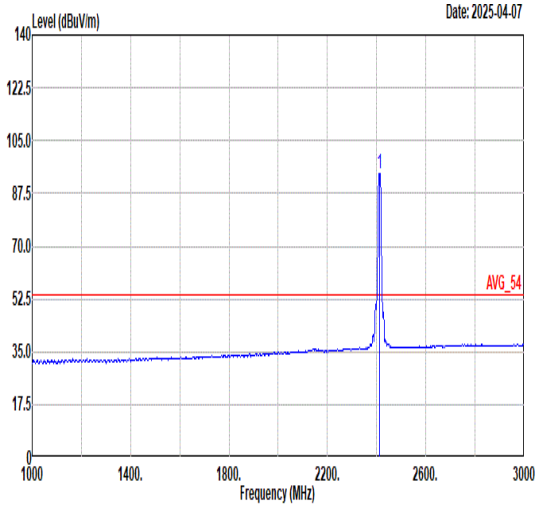
Radiated Spurious Emission Test Modes

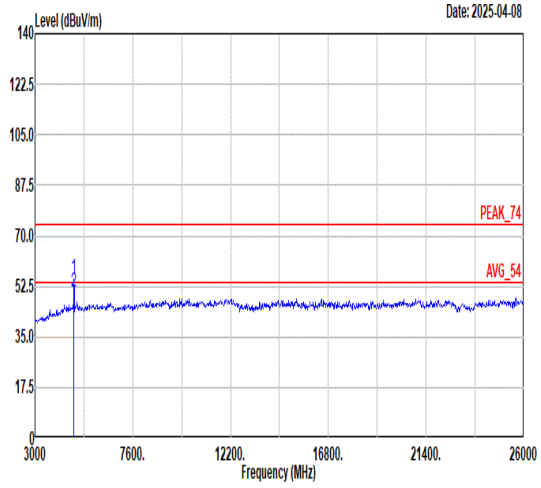
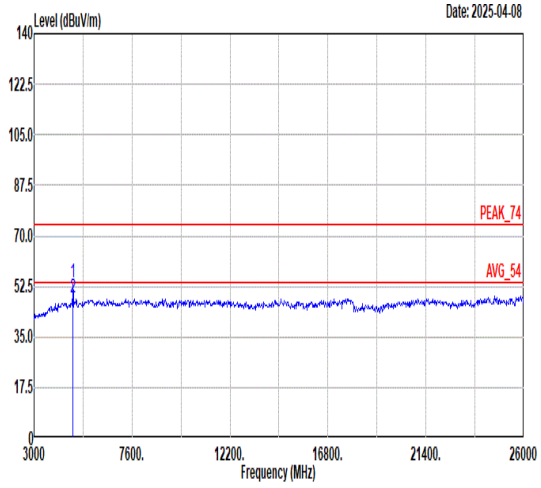
Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 8	2400-2483.5	0	802.11b	01	2412	1Mbps	-	-
Mode 9	2400-2483.5	0	802.11b	06	2437	1Mbps	-	-
Mode 10	2400-2483.5	0	802.11b	11	2462	1Mbps	-	-
Mode 11	2400-2483.5	0	802.11g	01	2412	6Mbps	-	-
Mode 12	2400-2483.5	0	802.11g	06	2437	6Mbps	-	-
Mode 13	2400-2483.5	0	802.11g	10	2457	6Mbps	-	-
Mode 14	2400-2483.5	0	802.11g	11	2462	6Mbps	-	-
Mode 15	2400-2483.5	0	802.11n HT20	01	2412	MCS0	-	-
Mode 16	2400-2483.5	0	802.11n HT20	06	2437	MCS0	-	-
Mode 17	2400-2483.5	0	802.11n HT20	10	2457	MCS0	-	-
Mode 18	2400-2483.5	0	802.11n HT20	11	2462	MCS0	-	-
Mode 19	2400-2483.5	0	802.11n HT40	03	2422	MCS0	-	-
Mode 20	2400-2483.5	0	802.11n HT40	06	2437	MCS0	-	-
Mode 21	2400-2483.5	0	802.11n HT40	08	2447	MCS0	-	-
Mode 22	2400-2483.5	0	802.11n HT40	09	2452	MCS0	-	-
Mode 23	2400-2483.5	0	802.11b	01	2412	1Mbps	-	LF

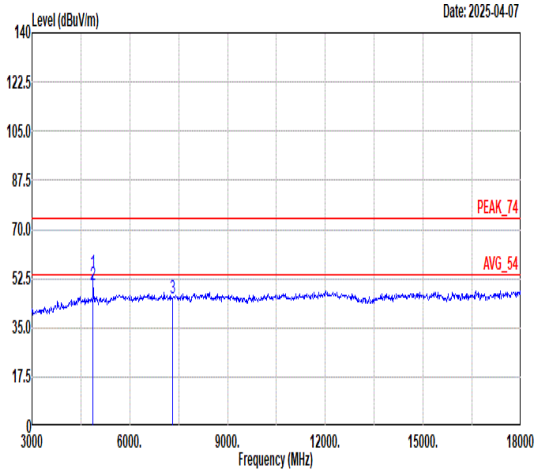
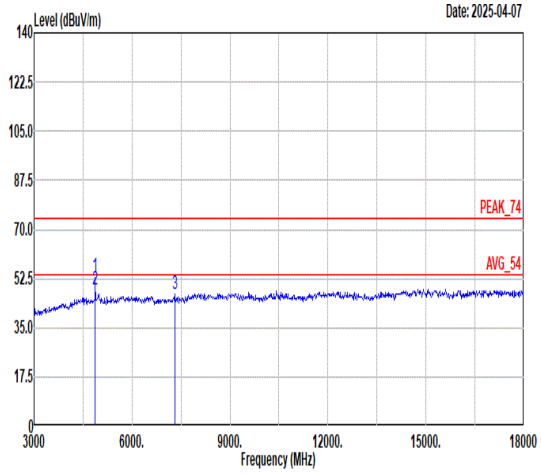
Summary of each worse mode

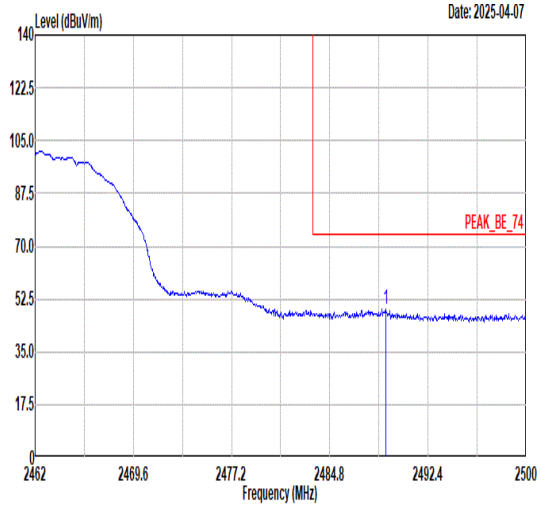
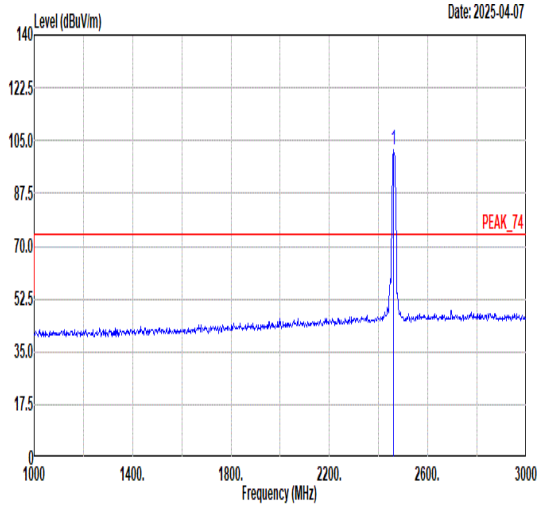
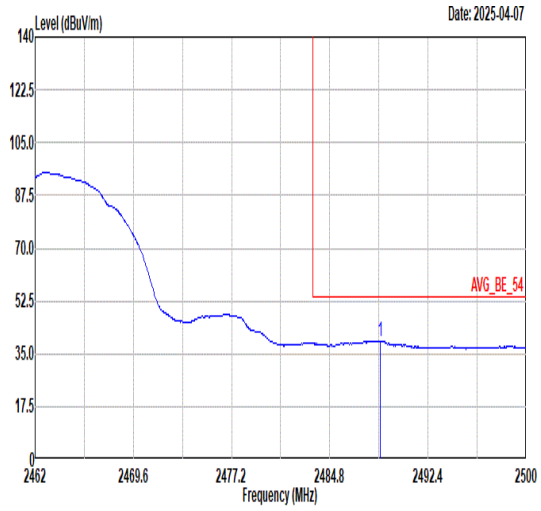
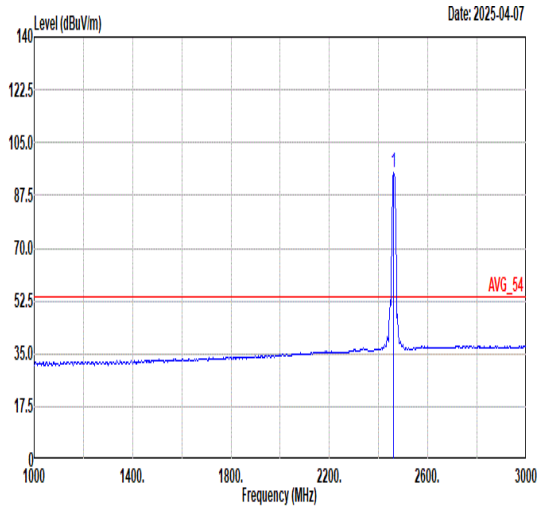
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
8	802.11b	01	2385.79	41.76	54.00	-12.24	H	AVERAGE	Pass	Band Edge
8	802.11b	01	4824.00	50.90	54.00	-3.10	H	Average	Pass	Harmonic
9	802.11b	06	-	-	-	-	-	-	-	Band Edge
9	802.11b	06	4874.00	50.35	54.00	-3.65	H	Average	Pass	Harmonic
10	802.11b	11	2488.71	39.23	54.00	-14.77	H	AVERAGE	Pass	Band Edge
10	802.11b	11	4924.00	50.61	54.00	-3.39	H	Average	Pass	Harmonic
11	802.11g	01	2389.95	49.69	54.00	-4.31	H	AVERAGE	Pass	Band Edge
11	802.11g	01	4824.00	39.75	54.00	-14.25	H	Average	Pass	Harmonic
12	802.11g	06	-	-	-	-	-	-	-	Band Edge
12	802.11g	06	4874.00	40.35	54.00	-13.65	H	Average	Pass	Harmonic
13	802.11g	10	2483.57	39.88	54.00	-14.12	V	AVERAGE	Pass	Band Edge
13	802.11g	10	4914.00	39.58	54.00	-14.42	H	Average	Pass	Harmonic
14	802.11g	11	2483.51	38.86	54.00	-15.14	H	AVERAGE	Pass	Band Edge
14	802.11g	11	4924.00	38.77	54.00	-15.23	H	Average	Pass	Harmonic
15	802.11n HT20	01	2389.95	43.34	54.00	-10.66	H	AVERAGE	Pass	Band Edge
15	802.11n HT20	01	4824.00	38.32	54.00	-15.68	H	Average	Pass	Harmonic
16	802.11n HT20	06	-	-	-	-	-	-	-	Band Edge
16	802.11n HT20	06	4874.00	39.36	54.00	-14.64	H	Average	Pass	Harmonic
17	802.11n HT20	10	2483.53	37.87	54.00	-16.13	H	AVERAGE	Pass	Band Edge
17	802.11n HT20	10	4914.00	38.91	54.00	-15.09	H	Average	Pass	Harmonic
18	802.11n HT20	11	2483.81	37.37	54.00	-16.63	H	AVERAGE	Pass	Band Edge
18	802.11n HT20	11	4924.00	38.31	54.00	-15.69	H	Average	Pass	Harmonic
19	802.11n HT40	03	2389.52	44.64	54.00	-9.36	H	AVERAGE	Pass	Band Edge
19	802.11n HT40	03	7266.00	46.24	74.00	-27.76	H	Peak	Pass	Harmonic
20	802.11n HT40	06	2389.88	43.18	54.00	-10.82	H	AVERAGE	Pass	Band Edge
20	802.11n HT40	06	4874.00	46.21	74.00	-27.79	V	Peak	Pass	Harmonic
21	802.11n HT40	08	2484.40	41.06	54.00	-12.94	H	AVERAGE	Pass	Band Edge
21	802.11n HT40	08	7341.00	46.41	74.00	-27.59	H	Peak	Pass	Harmonic
22	802.11n HT40	09	2484.35	42.49	54.00	-11.51	H	AVERAGE	Pass	Band Edge
22	802.11n HT40	09	4904.00	46.24	74.00	-27.76	V	Peak	Pass	Harmonic
23	802.11b	01	797.27	32.06	46.00	-13.94	H	Peak	Pass	LF

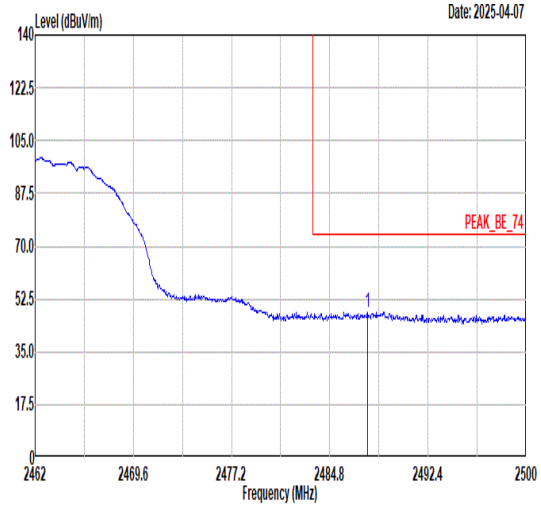
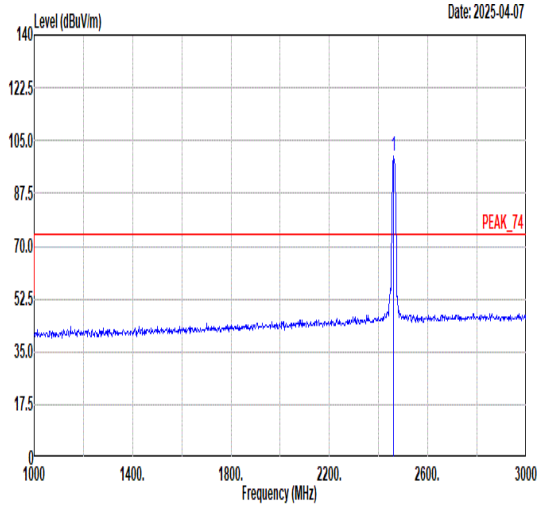
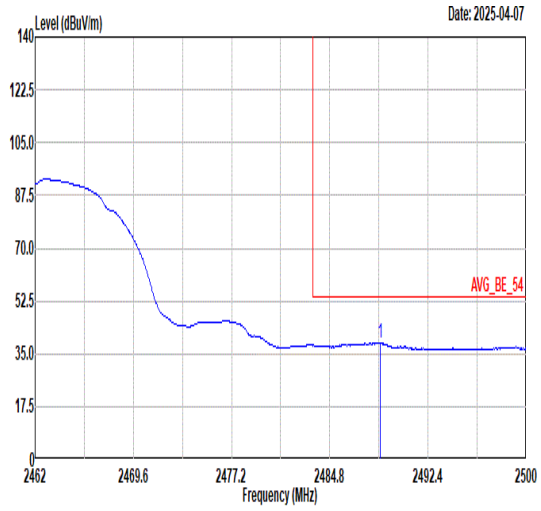
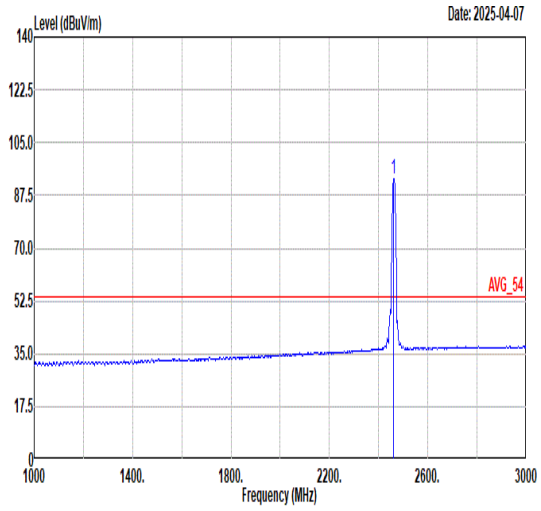
Mode	8	
	Band Edge	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2386.18 49.97 74.00 -24.03 44.27 30.60 7.75 32.65 370 174 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 101.97 ------ ------ 96.18 30.62 7.81 32.64 370 174 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2385.79 41.76 54.00 -12.24 36.06 30.60 7.75 32.65 370 174 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 94.80 ------ ------ 89.01 30.62 7.81 32.64 370 174 AVERAGE

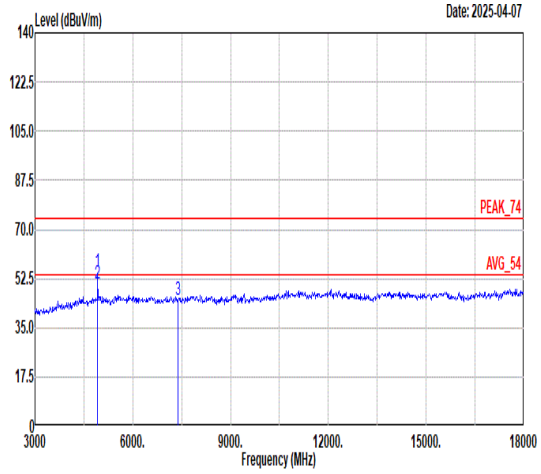
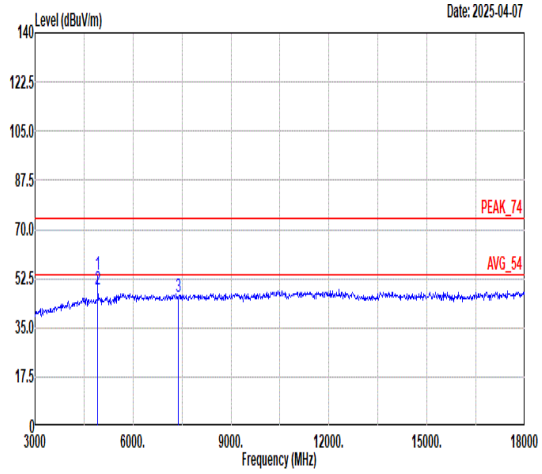
Mode	8	
	Band Edge	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2386.31 49.07 74.00 -24.93 43.37 30.60 7.75 32.65 383 331 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 101.32 ------ ------ 95.53 30.62 7.81 32.64 383 331 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2385.79 40.73 54.00 -13.27 35.03 30.60 7.75 32.65 383 331 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 94.21 ------ ------ 88.42 30.62 7.81 32.64 383 331 AVERAGE

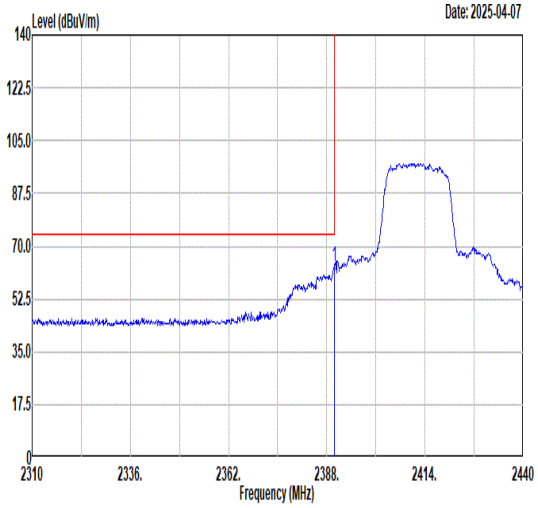
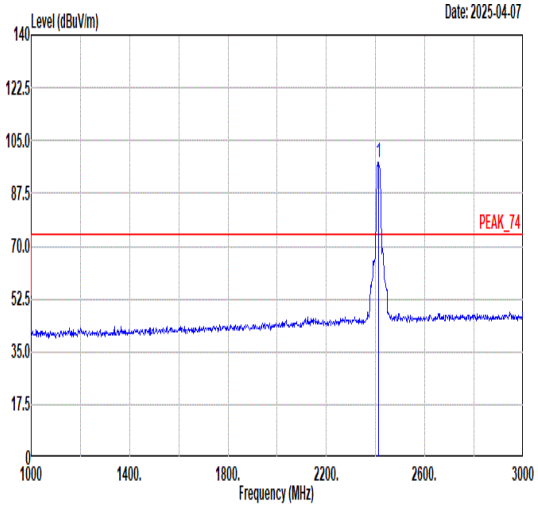
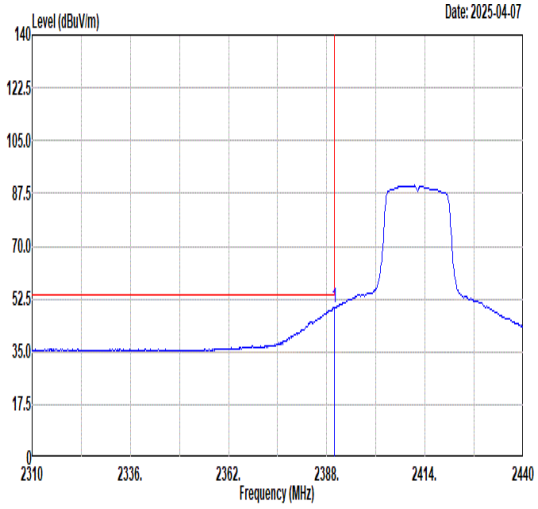
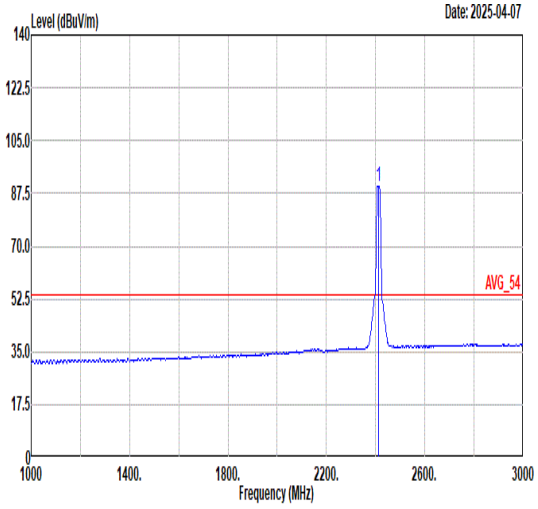
Mode	8	
	Harmonic	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 55.37 74.00 -18.63 61.58 35.30 11.08 52.59 189 204 Peak 2 4824.00 50.90 54.00 -3.10 57.11 35.30 11.08 52.59 189 204 Average	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 54.13 74.00 -19.87 60.34 35.30 11.08 52.59 157 194 Peak 2 4824.00 48.63 54.00 -5.37 54.84 35.30 11.08 52.59 157 194 Average

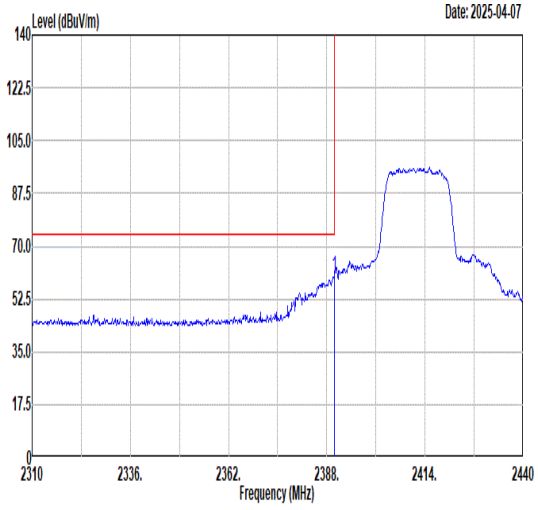
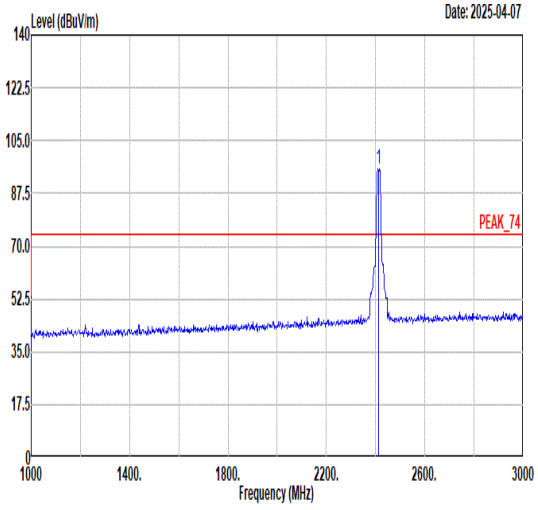
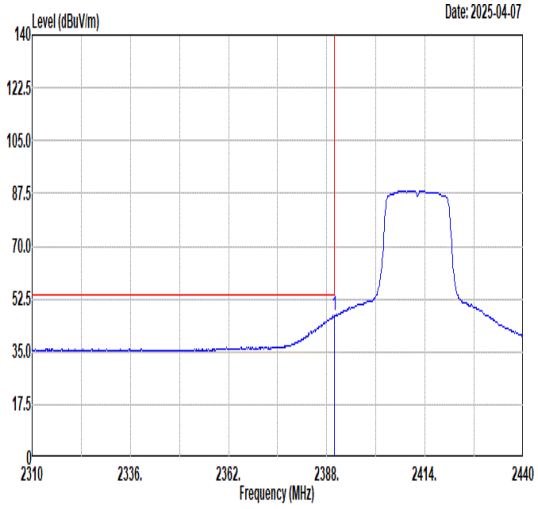
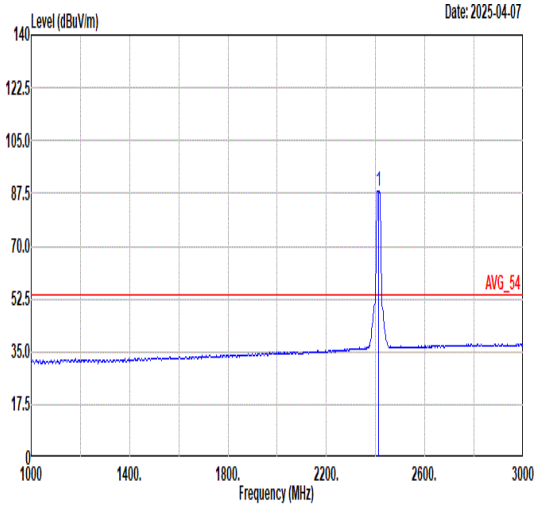
Mode	9	
	Harmonic	
	2400-2483.5_802.11b_CH06_2437MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 54.20 74.00 -19.80 60.37 35.35 11.10 52.62 151 184 Peak 2 4874.00 50.35 54.00 -3.65 56.52 35.35 11.10 52.62 151 184 Average 3 7311.00 45.58 74.00 -28.42 48.14 36.58 13.08 52.22 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 53.38 74.00 -20.62 59.55 35.35 11.10 52.62 165 181 Peak 2 4874.00 48.77 54.00 -5.23 54.94 35.35 11.10 52.62 165 181 Average 3 7311.00 46.77 74.00 -27.23 49.33 36.58 13.08 52.22 --- --- Peak

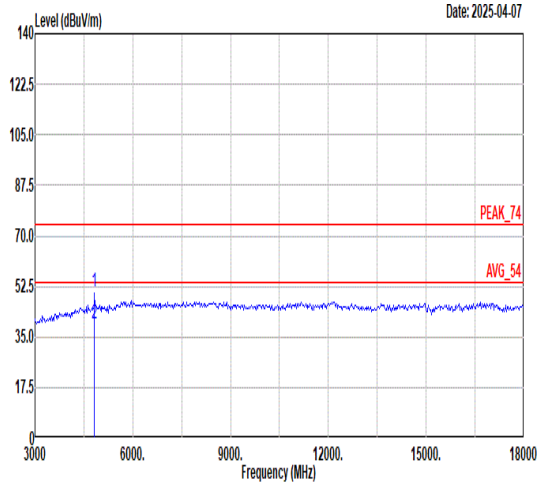
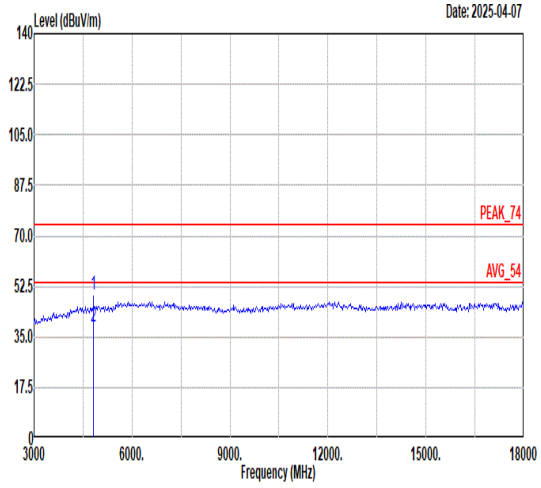
Mode	10	
	Band Edge	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2489.13 49.29 74.00 -24.71 43.39 30.62 7.88 32.60 355 161 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 102.19 ------ ------ 96.28 30.68 7.85 32.62 355 161 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2488.71 39.23 54.00 -14.77 33.33 30.62 7.88 32.60 355 161 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 95.02 ------ ------ 89.10 30.68 7.86 32.62 355 161 AVERAGE

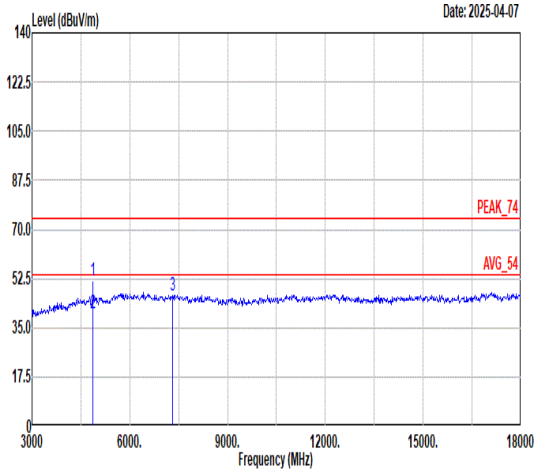
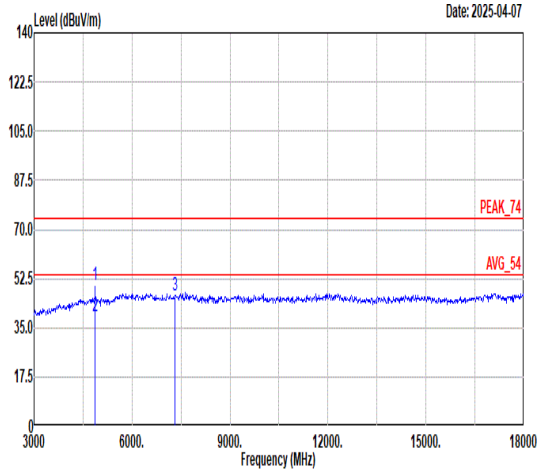
Mode	10	
	Band Edge	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2487.73 48.15 74.00 -25.85 42.25 30.62 7.88 32.60 366 327 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 99.92 ------ ------ 94.00 30.68 7.86 32.62 366 327 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2488.71 38.78 54.00 -15.22 32.88 30.62 7.88 32.60 366 327 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 92.99 ------ ------ 87.07 30.68 7.86 32.62 366 327 AVERAGE

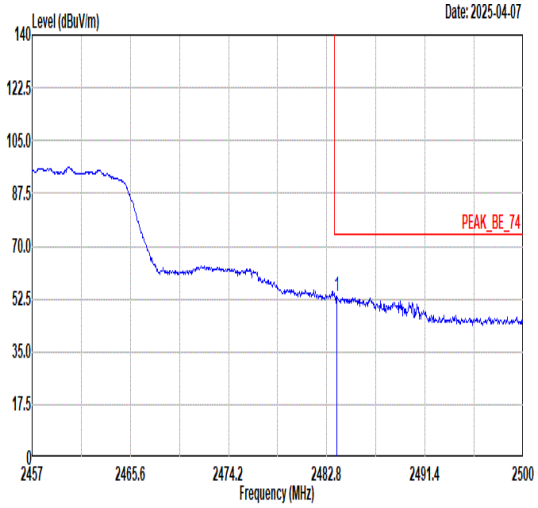
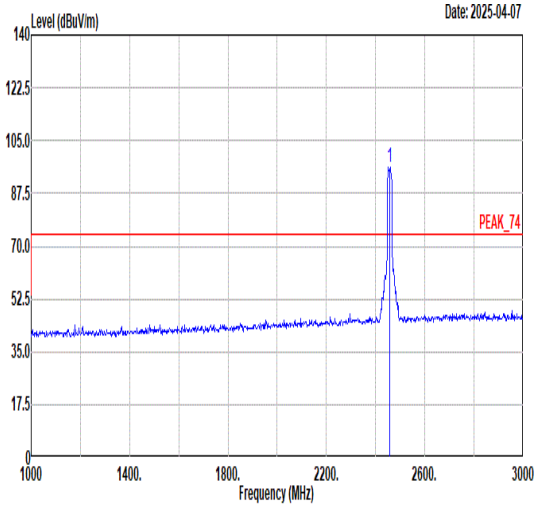
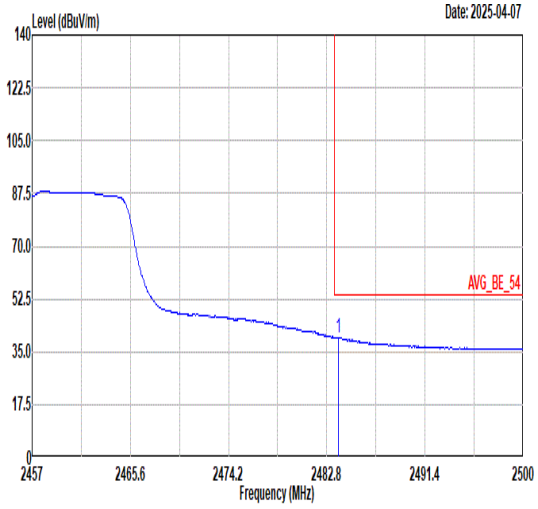
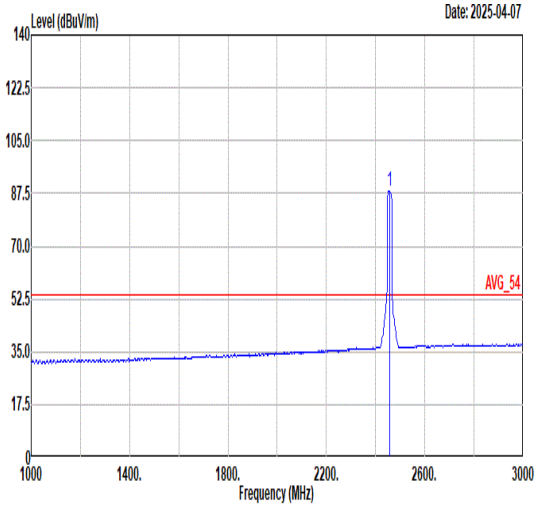
Mode	10	
	Harmonic	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 55.01 74.00 -18.99 61.00 35.54 11.12 52.65 171 183 Peak 2 4924.00 50.61 54.00 -3.39 56.60 35.54 11.12 52.65 171 183 Average 3 7386.00 44.88 74.00 -29.12 47.43 36.57 13.13 52.25 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 53.87 74.00 -20.13 59.86 35.54 11.12 52.65 172 182 Peak 2 4924.00 48.74 54.00 -5.26 54.73 35.54 11.12 52.65 172 182 Average 3 7386.00 46.02 74.00 -27.98 48.57 36.57 13.13 52.25 --- --- Peak

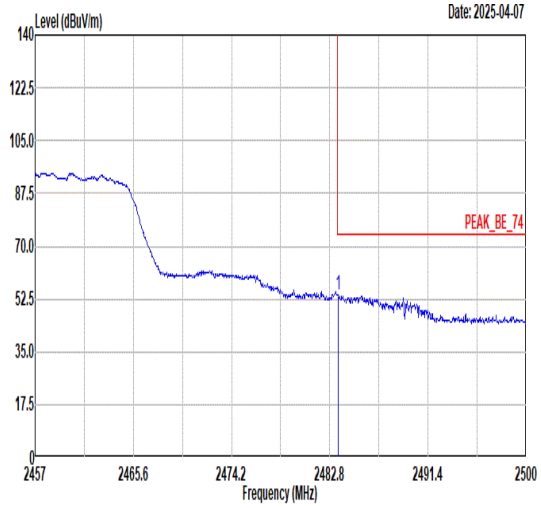
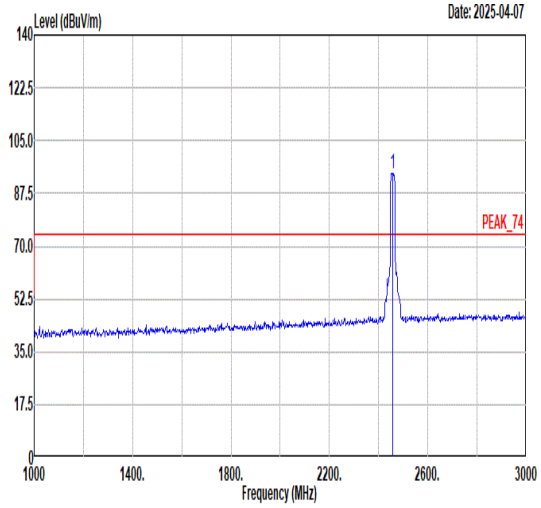
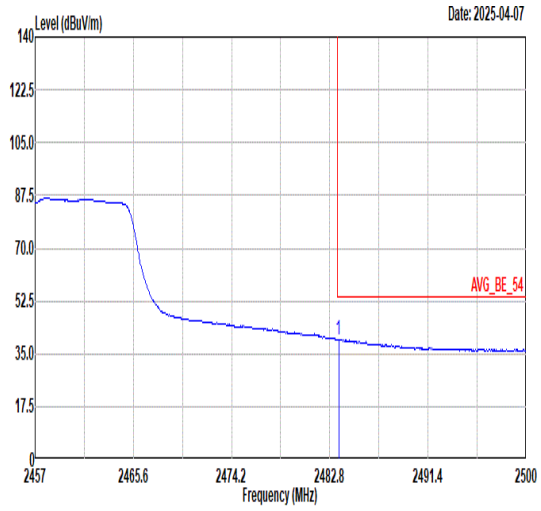
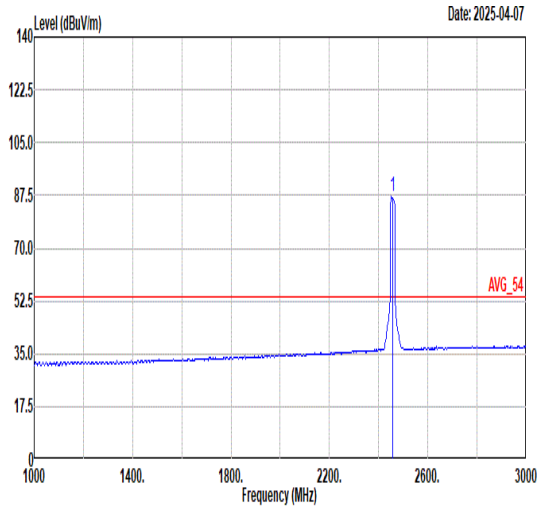
Mode	11	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.95 63.40 74.00 -10.60 57.68 30.60 7.76 32.64 368 173 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 97.69 ------ ------ 91.90 30.62 7.81 32.64 368 173 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.95 49.69 54.00 -4.31 43.97 30.60 7.76 32.64 368 173 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 90.05 ------ ------ 84.26 30.62 7.81 32.64 368 173 AVERAGE

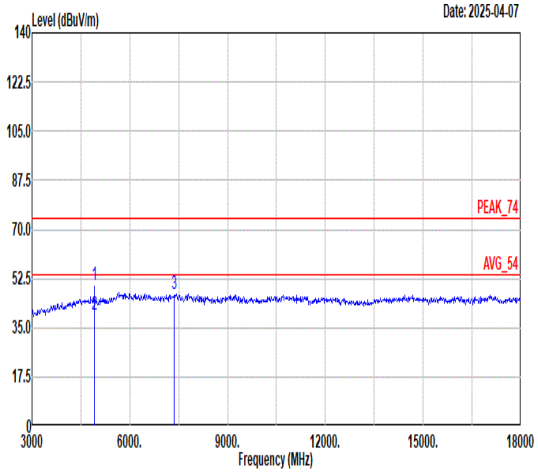
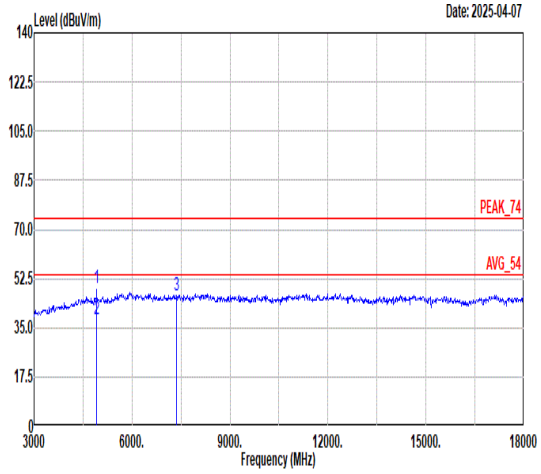
Mode	11	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.95 60.13 74.00 -13.87 54.41 30.60 7.76 32.64 347 259 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 95.65 ------ ------ 89.86 30.62 7.81 32.64 347 259 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.95 46.78 54.00 -7.22 41.06 30.60 7.76 32.64 347 259 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 88.26 ------ ------ 82.47 30.62 7.81 32.64 347 259 AVERAGE

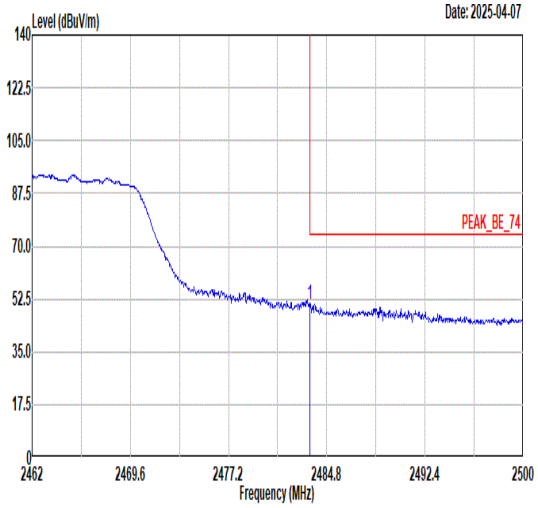
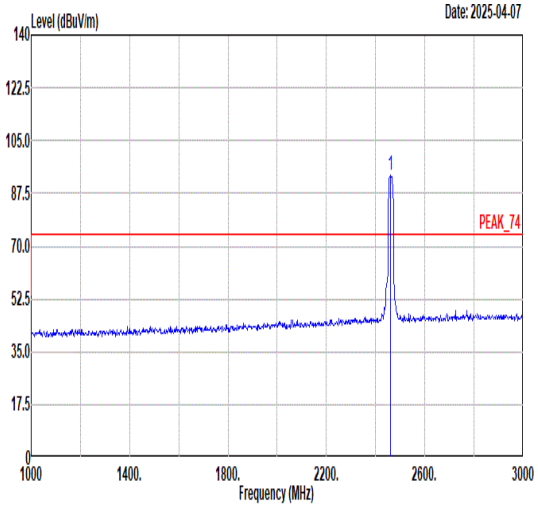
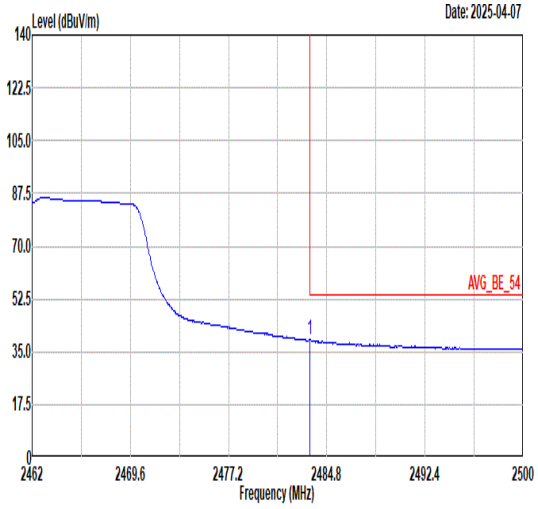
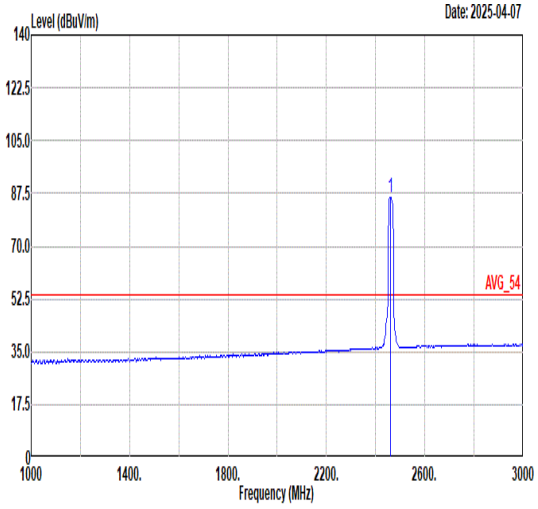
Mode	11	
	Harmonic	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 50.55 74.00 -23.45 56.76 35.30 11.08 52.59 106 175 Peak 2 4824.00 39.75 54.00 -14.25 45.96 35.30 11.08 52.59 106 175 Average	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 49.54 74.00 -24.46 55.75 35.30 11.08 52.59 103 178 Peak 2 4824.00 38.41 54.00 -15.59 44.62 35.30 11.08 52.59 103 178 Average

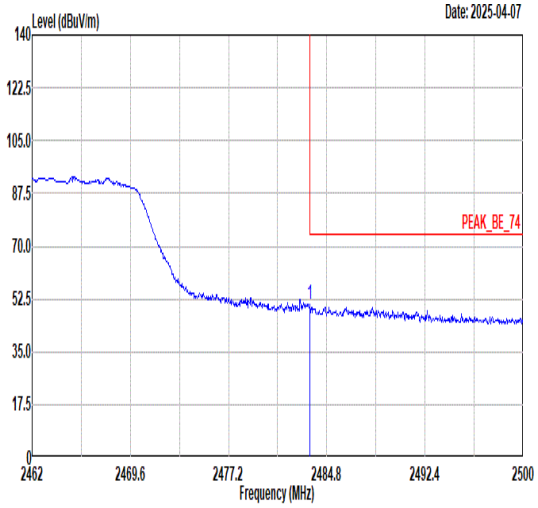
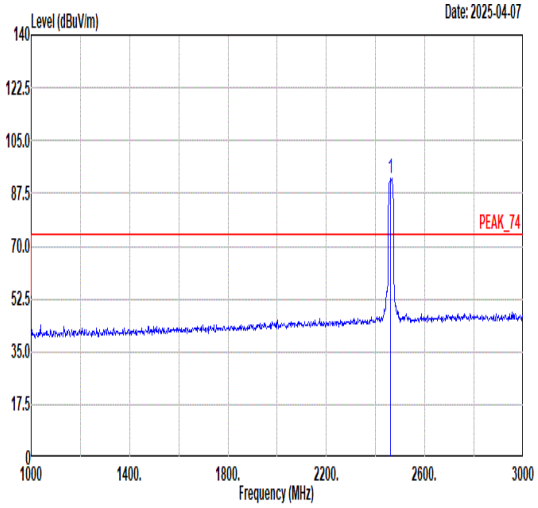
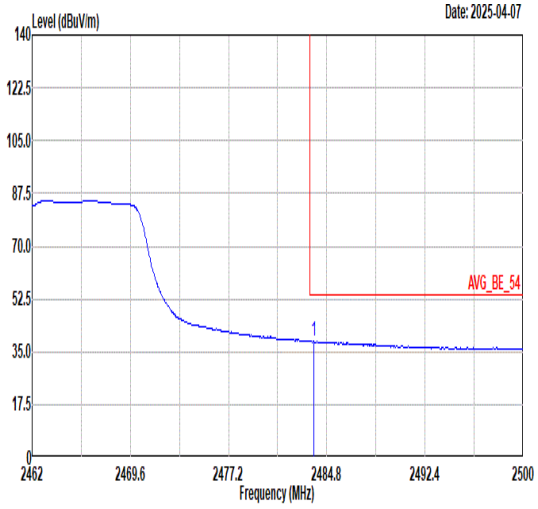
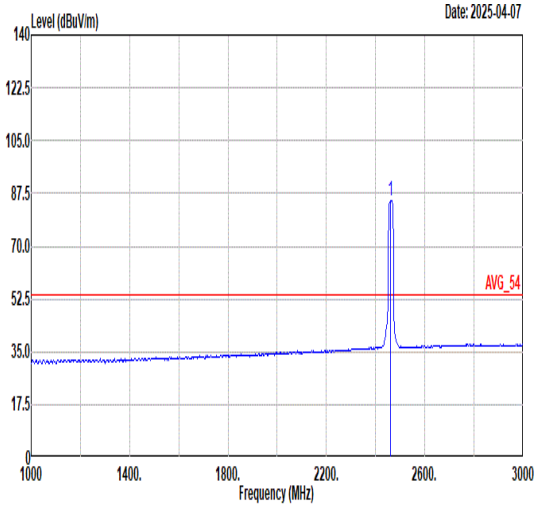
Mode	12	
	Harmonic	
	2400-2483.5_802.11g_CH06_2437MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 51.79 74.00 -22.21 57.96 35.35 11.10 52.62 203 198 Peak 2 4874.00 40.35 54.00 -13.65 46.52 35.35 11.10 52.62 203 198 Average 3 7311.00 46.68 74.00 -27.32 49.24 36.58 13.08 52.22 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 50.38 74.00 -23.62 56.55 35.35 11.10 52.62 108 177 Peak 2 4874.00 39.35 54.00 -14.65 45.52 35.35 11.10 52.62 108 177 Average 3 7311.00 46.28 74.00 -27.72 48.84 36.58 13.08 52.22 --- --- Peak

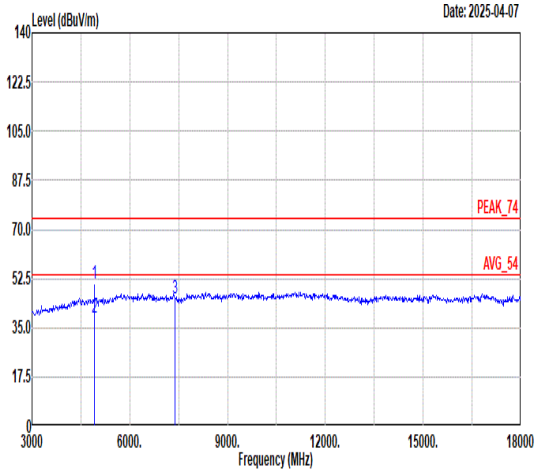
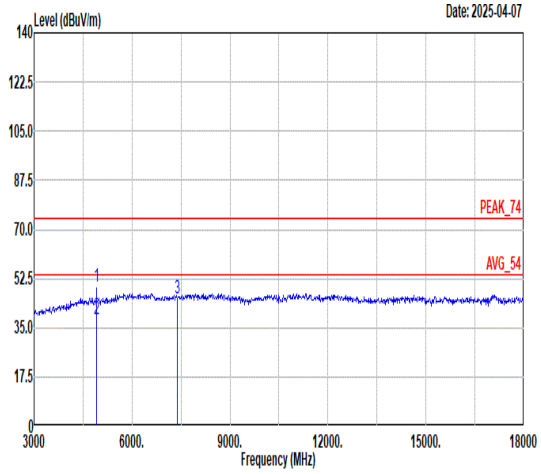
Mode	13	
	Band Edge	
	2400-2483.5_802.11g_CH10_2457MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.66 53.38 74.00 -20.62 47.48 30.63 7.88 32.61 400 159 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2457.00 96.30 ------ ------ 90.39 30.68 7.85 32.62 400 159 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.83 39.83 54.00 -14.17 33.93 30.63 7.88 32.61 400 159 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2457.00 88.12 ------ ------ 82.19 30.70 7.85 32.62 400 159 AVERAGE

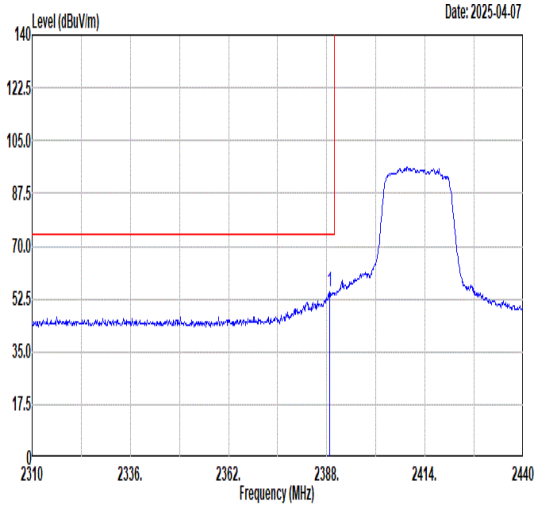
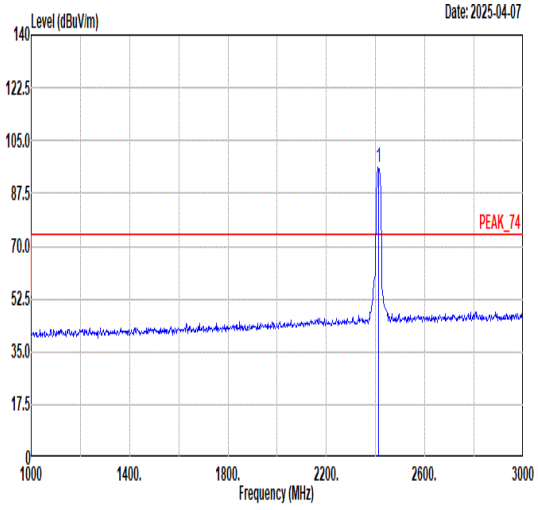
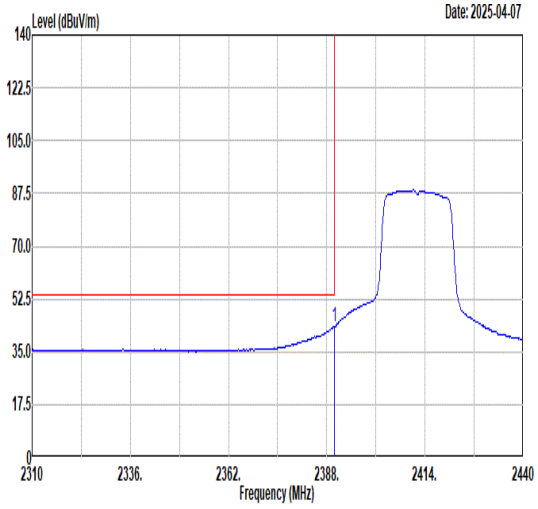
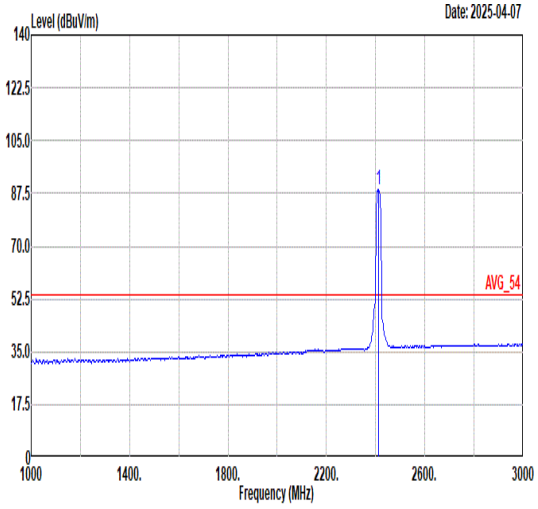
Mode	13	
	Band Edge	
	2400-2483.5_802.11g_CH10_2457MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.53 53.74 74.00 -20.26 47.84 30.63 7.88 32.61 363 322 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 94.25 ------ ------ 88.34 30.68 7.85 32.62 363 322 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.57 39.88 54.00 -14.12 33.98 30.63 7.88 32.61 363 322 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 86.95 ------ ------ 81.02 30.70 7.85 32.62 363 322 AVERAGE

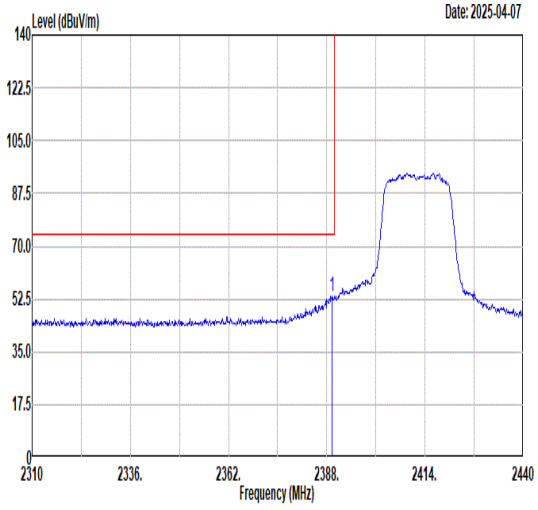
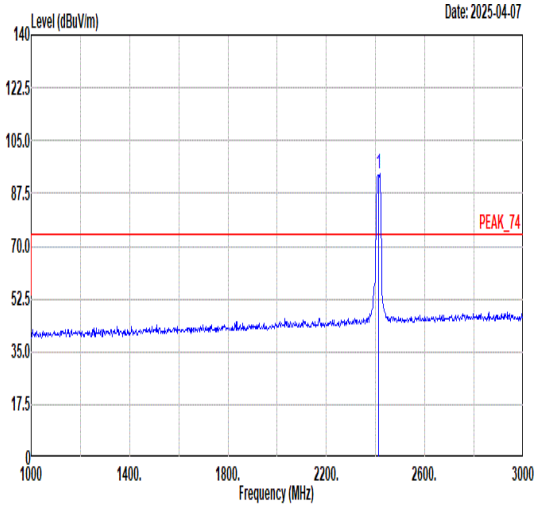
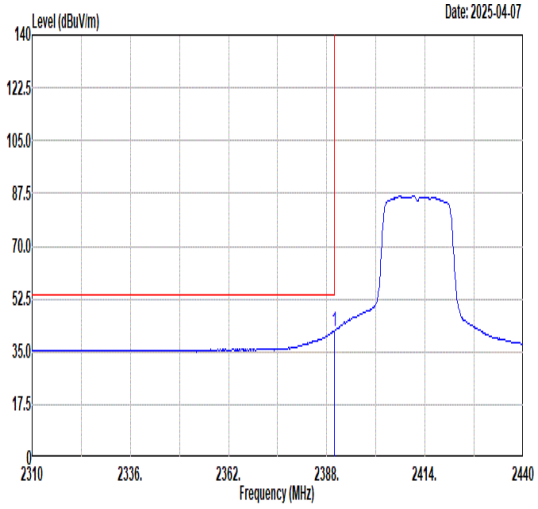
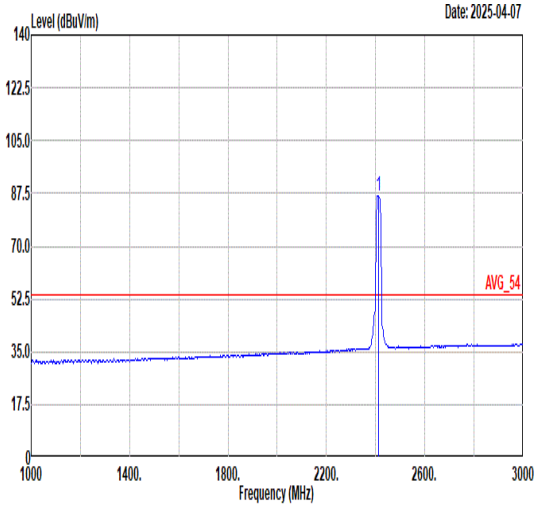
Mode	13	
	Harmonic	
	2400-2483.5_802.11g_CH10_2457MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4914.00 49.94 74.00 -24.06 55.99 35.48 11.12 52.65 201 177 Peak 2 4914.00 39.58 54.00 -14.42 45.63 35.48 11.12 52.65 201 177 Average 3 7371.00 46.81 74.00 -27.19 49.40 36.54 13.12 52.25 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4914.00 49.03 74.00 -24.97 55.08 35.48 11.12 52.65 100 180 Peak 2 4914.00 38.17 54.00 -15.83 44.22 35.48 11.12 52.65 100 180 Average 3 7371.00 46.33 74.00 -27.67 48.92 36.54 13.12 52.25 --- --- Peak

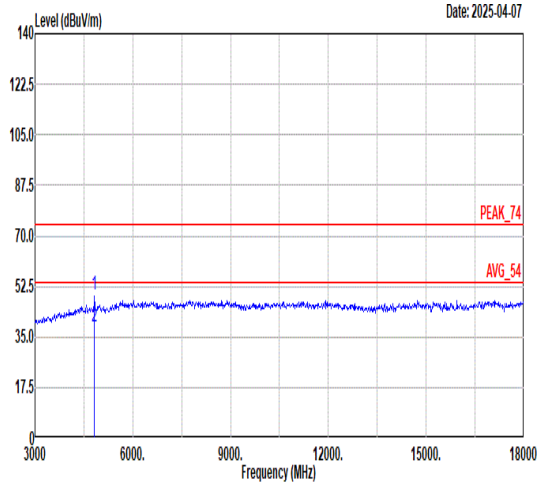
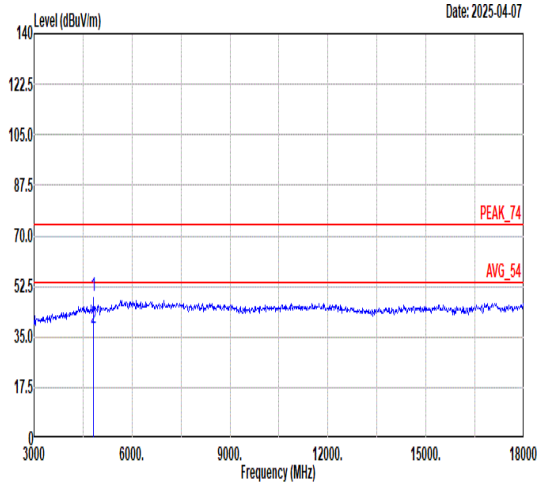
Mode	14	
	Band Edge	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.51 50.60 74.00 -23.40 44.70 30.63 7.88 32.61 400 159 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2462.00 93.58 ------ ------ 87.66 30.68 7.86 32.62 400 159 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.51 38.86 54.00 -15.14 32.96 30.63 7.88 32.61 400 159 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2462.00 86.23 ------ ------ 80.32 30.68 7.85 32.62 400 159 AVERAGE

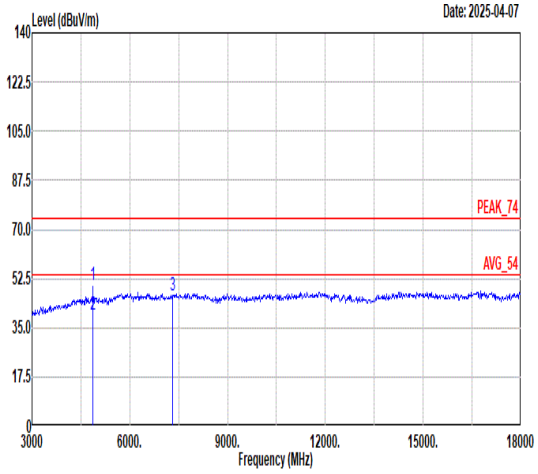
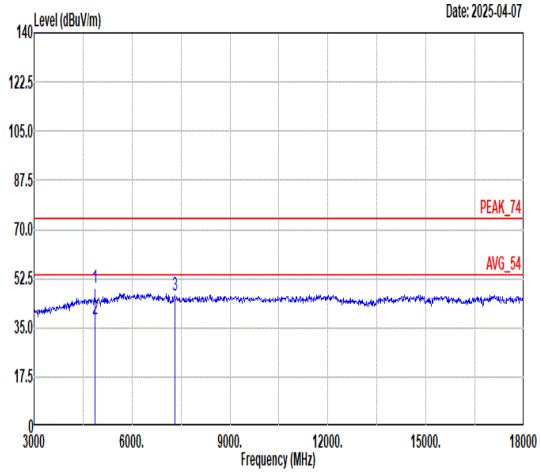
Mode	14	
	Band Edge	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.51 50.69 74.00 -23.31 44.79 30.63 7.88 32.61 366 326 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2462.00 92.38 ------ ------ 86.46 30.67 7.86 32.61 366 326 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.77 38.54 54.00 -15.46 32.64 30.63 7.88 32.61 366 326 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2462.00 84.96 ------ ------ 79.04 30.67 7.86 32.61 366 326 AVERAGE

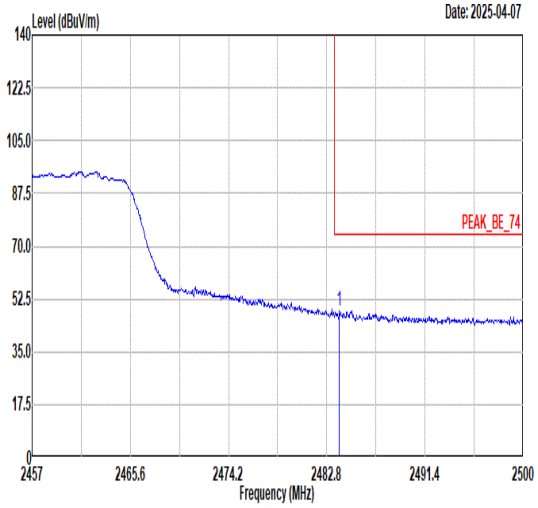
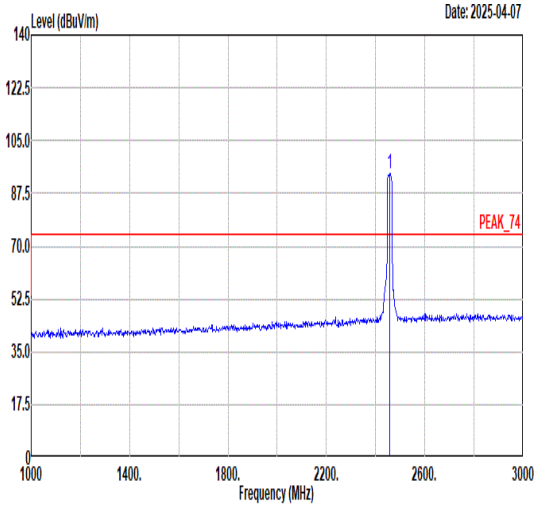
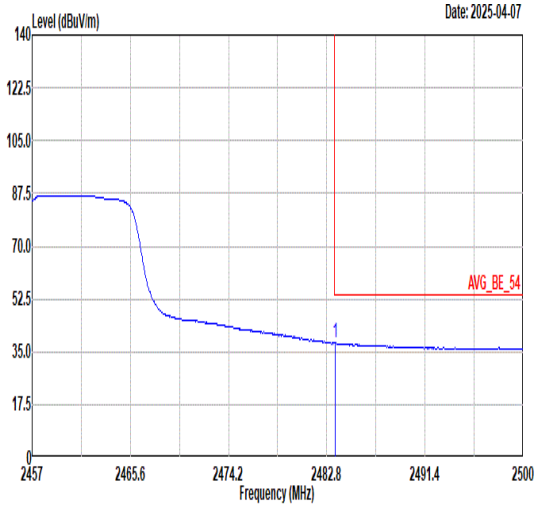
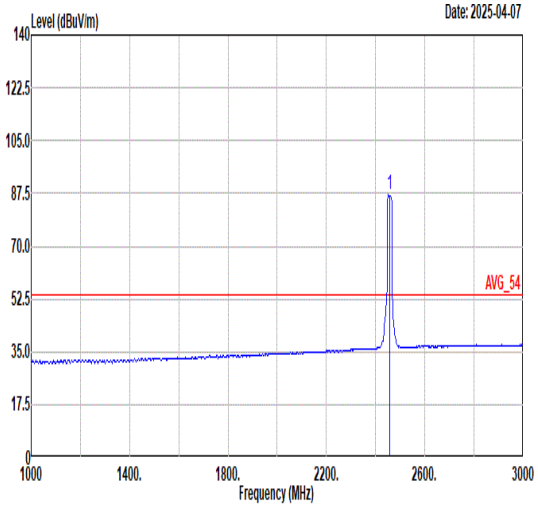
Mode	14	
	Harmonic	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 50.70 74.00 -23.30 56.69 35.54 11.12 52.65 100 176 Peak 2 4924.00 38.77 54.00 -15.23 44.76 35.54 11.12 52.65 100 176 Average 3 7386.00 45.22 74.00 -28.78 47.77 36.57 13.13 52.25 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 49.86 74.00 -24.14 55.85 35.54 11.12 52.65 109 182 Peak 2 4924.00 38.11 54.00 -15.89 44.10 35.54 11.12 52.65 109 182 Average 3 7386.00 45.48 74.00 -28.52 48.03 36.57 13.13 52.25 --- --- Peak

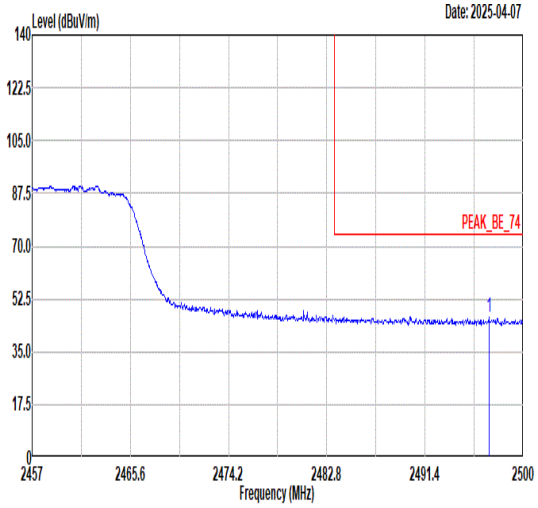
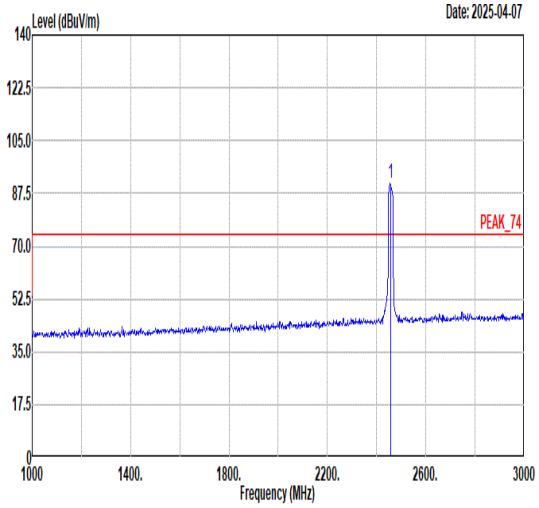
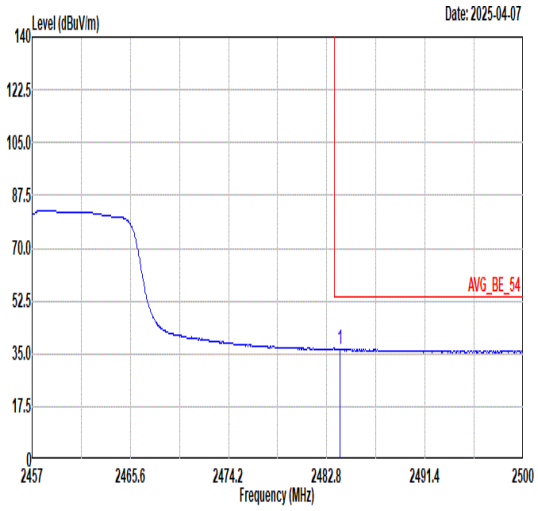
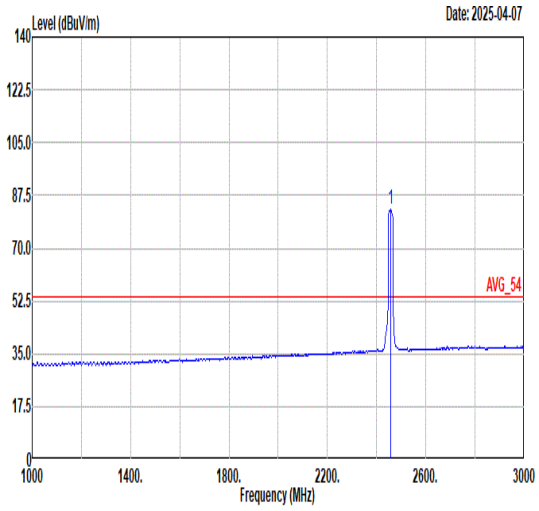
Mode	15	
	Band Edge	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2388.78 54.70 74.00 -19.30 48.98 30.60 7.76 32.64 369 161 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 96.00 ------ ------ 90.21 30.62 7.81 32.64 369 161 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.95 43.34 54.00 -10.66 37.62 30.60 7.76 32.64 369 161 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 88.59 ------ ------ 82.80 30.62 7.81 32.64 369 161 AVERAGE

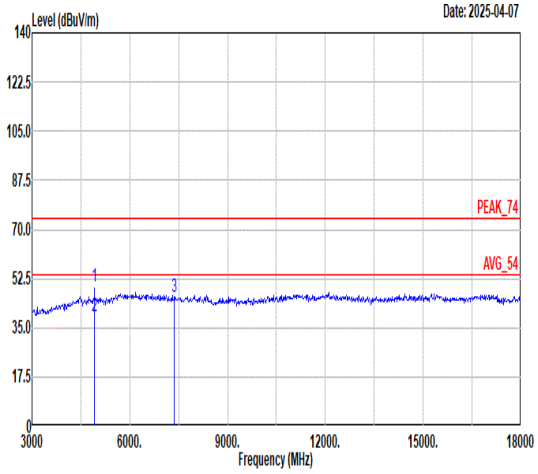
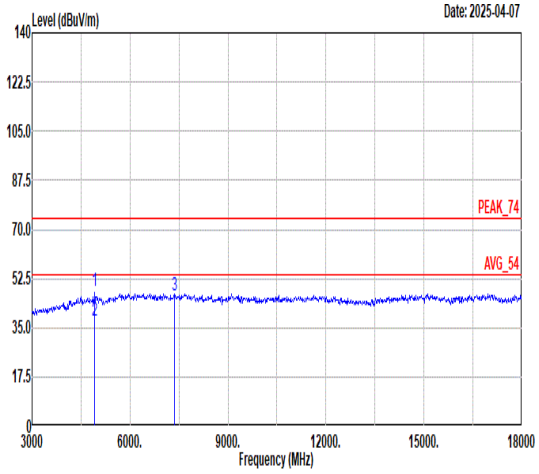
Mode	15	
	Band Edge	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.30 53.52 74.00 -20.48 47.80 30.60 7.76 32.64 346 259 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 93.92 ------ ------ 88.10 30.64 7.81 32.63 346 259 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.95 41.79 54.00 -12.21 36.07 30.60 7.76 32.64 346 259 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2412.00 86.49 ------ ------ 80.71 30.62 7.80 32.64 346 259 AVERAGE

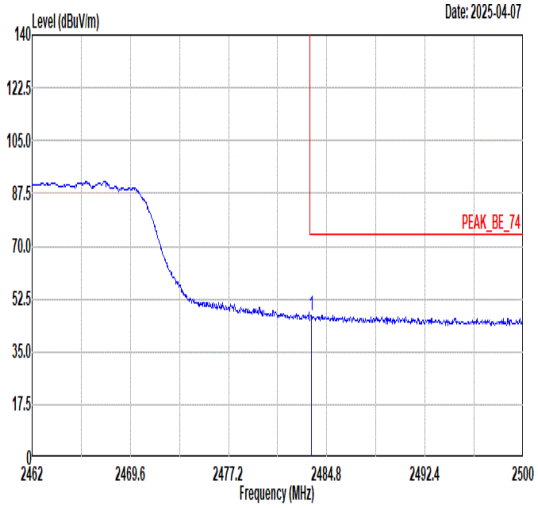
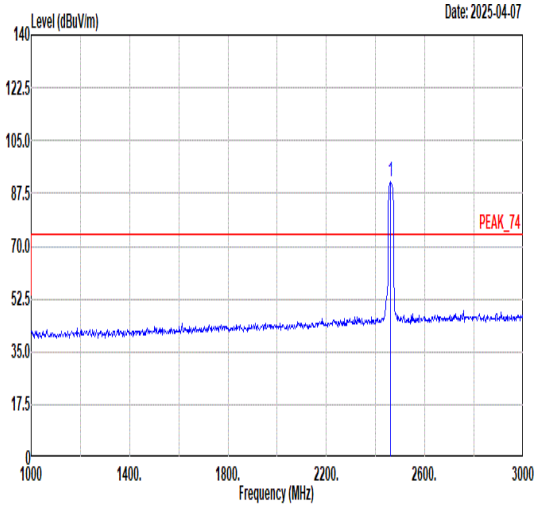
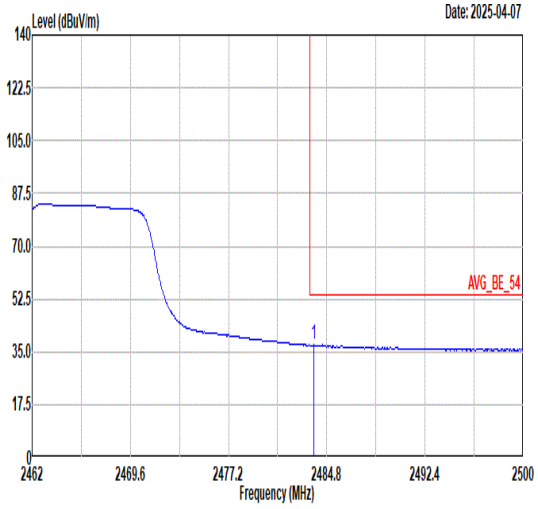
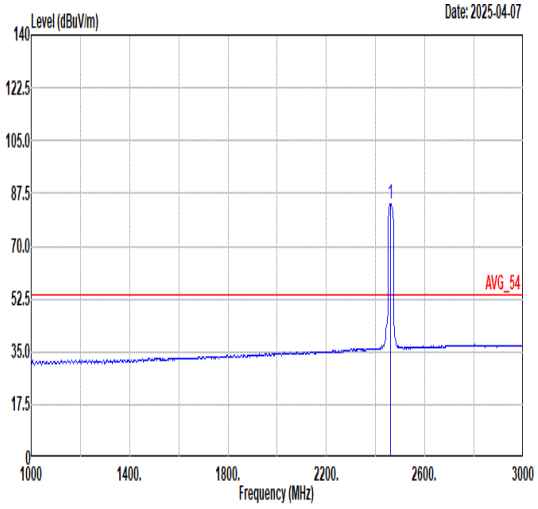
Mode	15	
	Harmonic	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 49.54 74.00 -24.46 55.75 35.30 11.08 52.59 189 198 Peak 2 4824.00 38.32 54.00 -15.68 44.53 35.30 11.08 52.59 189 198 Average	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 48.91 74.00 -25.09 55.12 35.30 11.08 52.59 110 180 Peak 2 4824.00 37.90 54.00 -16.10 44.11 35.30 11.08 52.59 110 180 Average

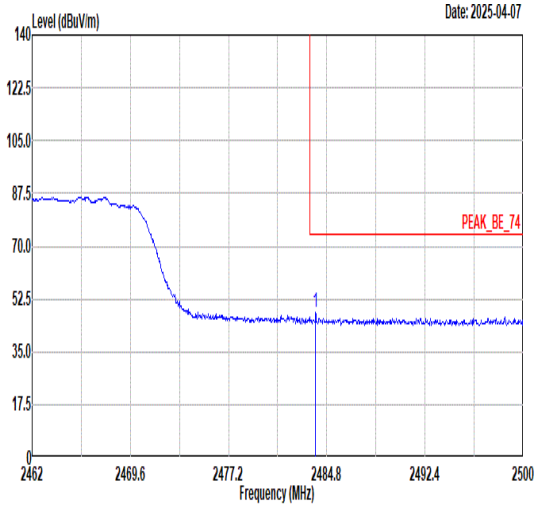
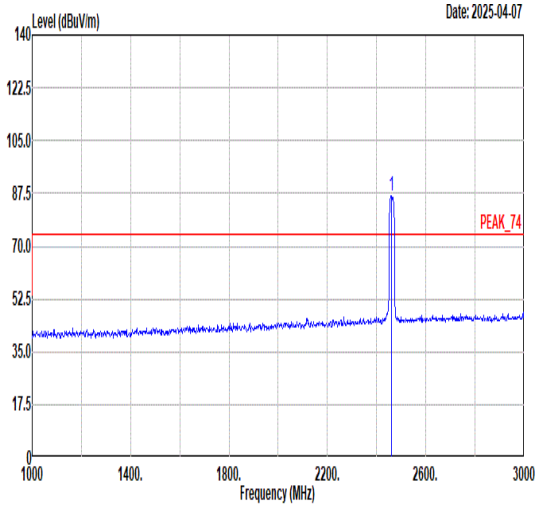
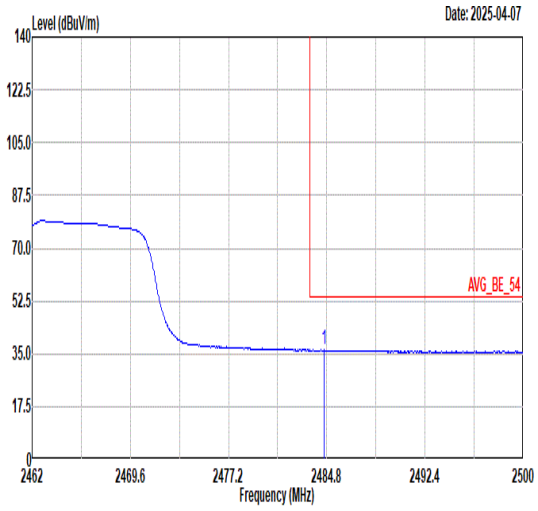
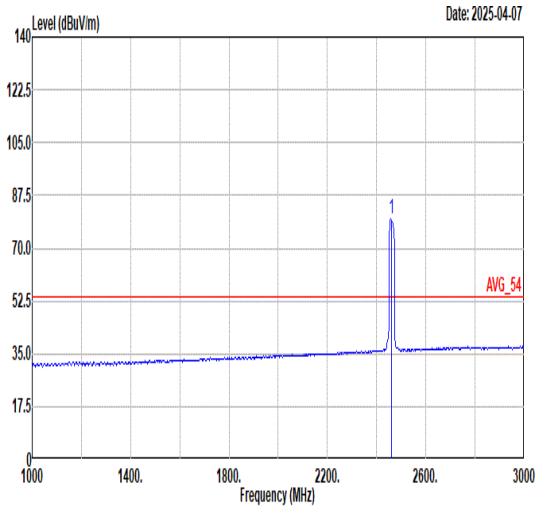
Mode	16	
	Harmonic	
	2400-2483.5_802.11n HT20_CH06_2437MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 50.25 74.00 -23.75 56.42 35.35 11.10 52.62 200 179 Peak 2 4874.00 39.36 54.00 -14.64 45.53 35.35 11.10 52.62 200 179 Average 3 7311.00 46.28 74.00 -27.72 48.84 36.58 13.08 52.22 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 49.26 74.00 -24.74 55.43 35.35 11.10 52.62 150 179 Peak 2 4874.00 38.04 54.00 -15.96 44.21 35.35 11.10 52.62 150 179 Average 3 7311.00 46.33 74.00 -27.67 48.89 36.58 13.08 52.22 --- --- Peak

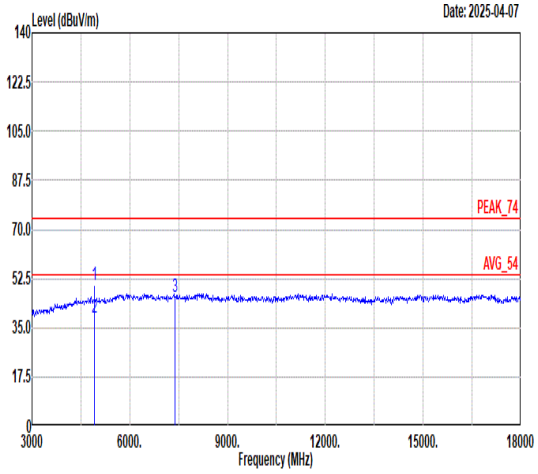
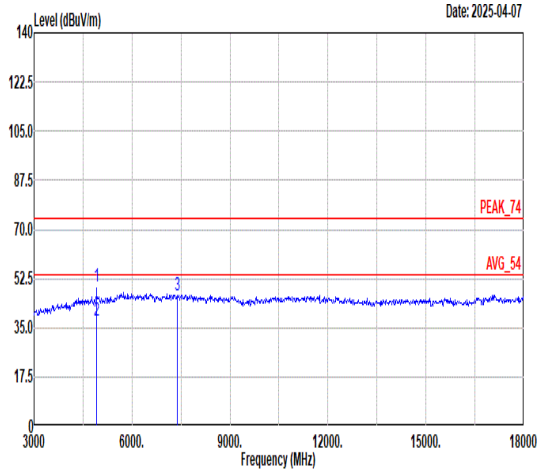
Mode	17	
	Band Edge	
	2400-2483.5_802.11n HT20_CH10_2457MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.92 48.66 74.00 -25.34 42.76 30.63 7.88 32.61 400 161 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 94.30 ------ ------ 88.38 30.68 7.86 32.62 400 161 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.53 37.87 54.00 -16.13 31.97 30.63 7.88 32.61 400 161 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 86.96 ------ ------ 81.03 30.70 7.85 32.62 400 161 AVERAGE

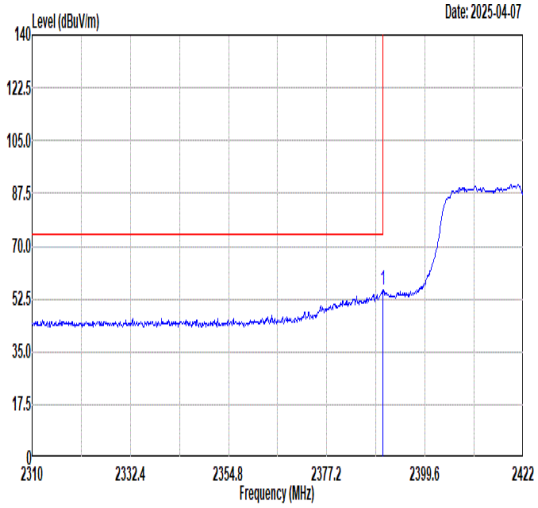
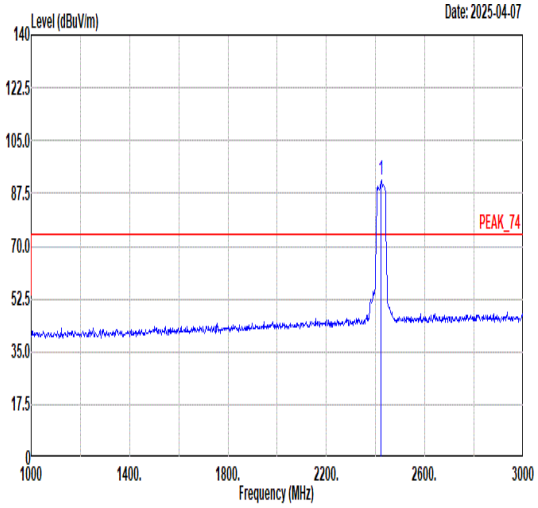
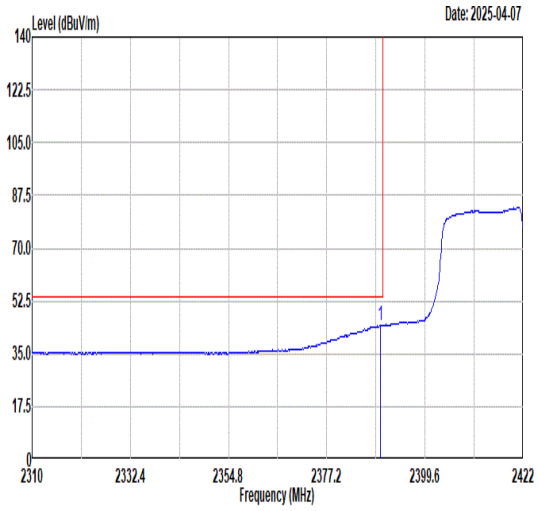
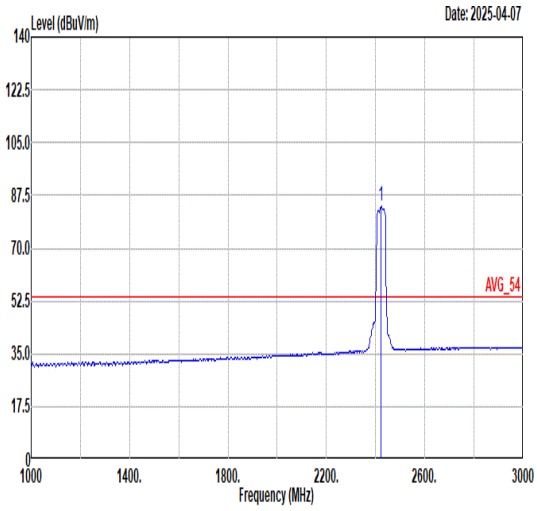
Mode	17	
	Band Edge	
	2400-2483.5_802.11n HT20_CH10_2457MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2496.99 46.48 74.00 -27.52 40.58 30.61 7.89 32.60 400 92 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 90.79 ------ ------ 84.87 30.69 7.85 32.62 400 92 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.96 36.59 54.00 -17.41 30.69 30.63 7.88 32.61 400 92 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 82.85 ------ ------ 76.93 30.69 7.85 32.62 400 92 AVERAGE

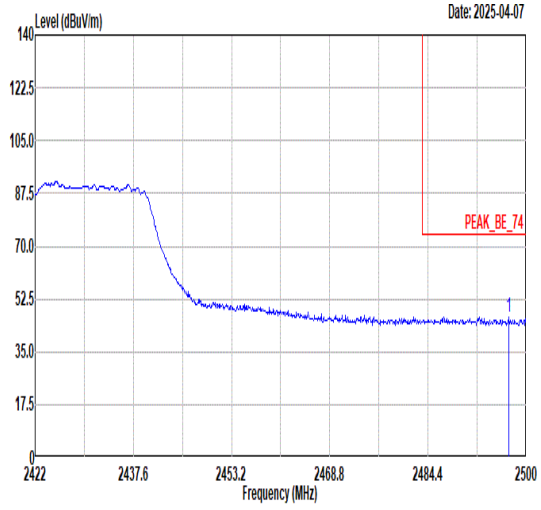
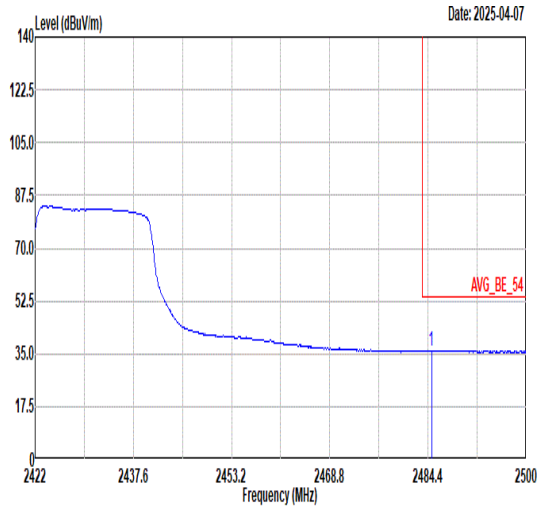
Mode	17	
	Harmonic	
	2400-2483.5_802.11n HT20_CH10_2457MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4914.00 49.61 74.00 -24.39 55.66 35.48 11.12 52.65 200 178 Peak 2 4914.00 38.91 54.00 -15.09 44.96 35.48 11.12 52.65 200 178 Average 3 7371.00 46.19 74.00 -27.81 48.78 36.54 13.12 52.25 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4914.00 48.16 74.00 -25.84 54.21 35.48 11.12 52.65 100 157 Peak 2 4914.00 37.48 54.00 -16.52 43.53 35.48 11.12 52.65 100 157 Average 3 7371.00 46.36 74.00 -27.64 48.95 36.54 13.12 52.25 --- --- Peak

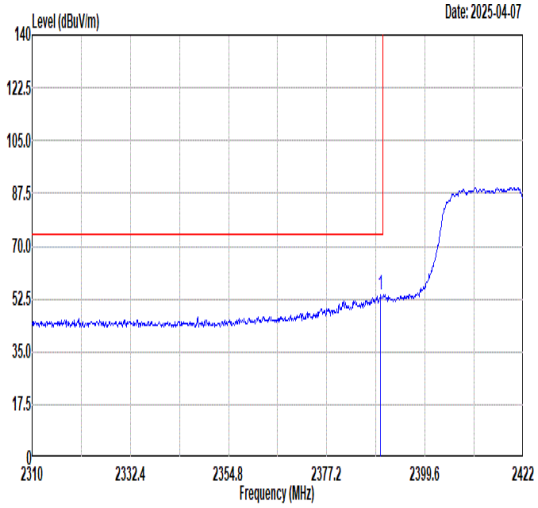
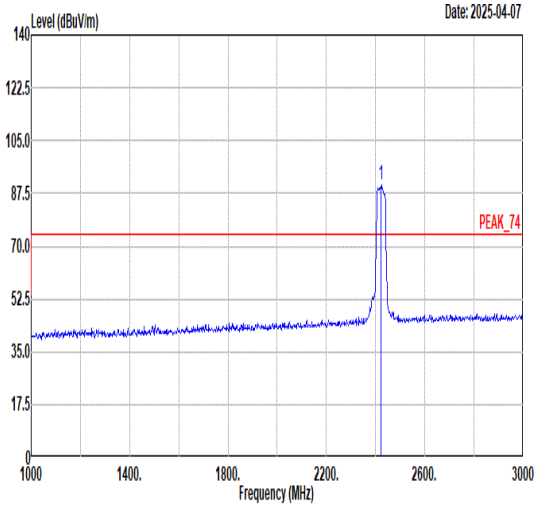
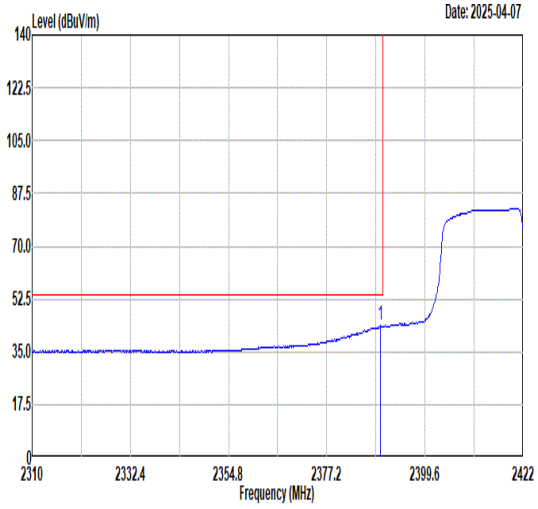
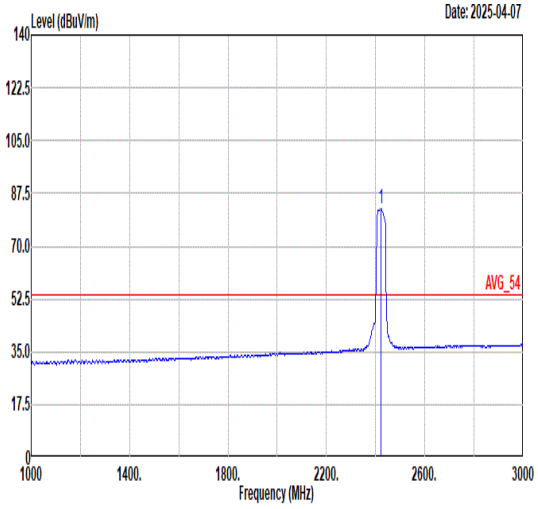
Mode	18	
	Band Edge	
	2400-2483.5_802.11n HT20_CH11_2462MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.62 47.12 74.00 -26.88 41.22 30.63 7.88 32.61 400 162 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2462.00 91.16 ------ ------ 85.25 30.68 7.85 32.62 400 162 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.81 37.37 54.00 -16.63 31.47 30.63 7.88 32.61 400 162 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2462.00 84.03 ------ ------ 78.11 30.68 7.86 32.62 400 162 AVERAGE

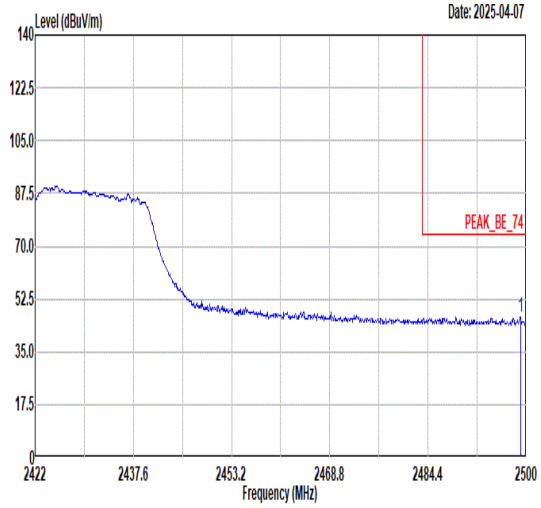
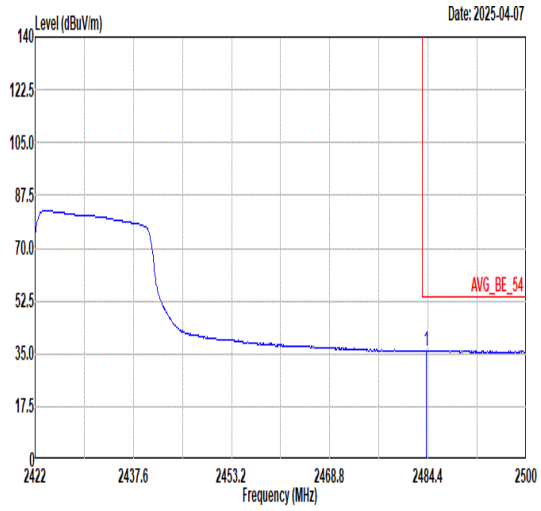
Mode	18	
	Band Edge	
	2400-2483.5_802.11n HT20_CH11_2462MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.93 47.86 74.00 -26.14 41.96 30.63 7.88 32.61 400 91 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 86.84 ------ ------ 80.93 30.68 7.85 32.62 400 91 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.61 36.22 54.00 -17.78 30.32 30.63 7.88 32.61 400 91 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 79.80 ------ ------ 73.89 30.68 7.85 32.62 400 91 AVERAGE

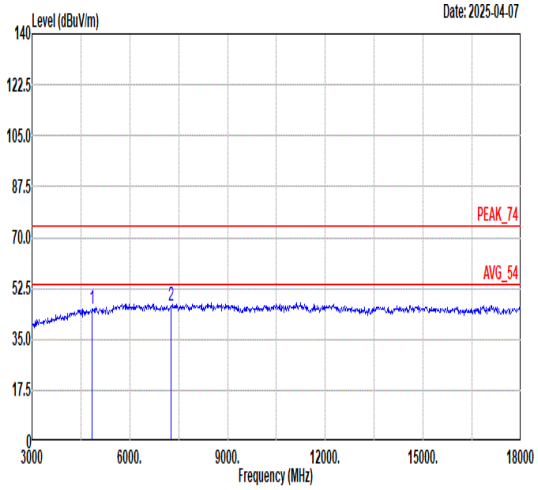
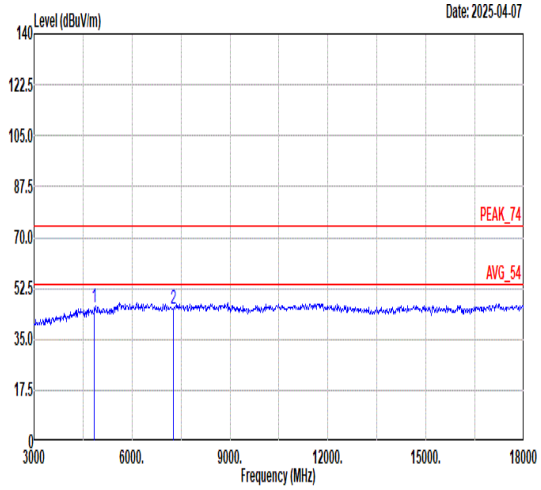
Mode	18	
	Harmonic	
	2400-2483.5_802.11n HT20_CH11_2462MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 50.37 74.00 -23.63 56.36 35.54 11.12 52.65 105 185 Peak 2 4924.00 38.31 54.00 -15.69 44.30 35.54 11.12 52.65 105 185 Average 3 7386.00 45.85 74.00 -28.15 48.40 36.57 13.13 52.25 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 49.78 74.00 -24.22 55.77 35.54 11.12 52.65 109 177 Peak 2 4924.00 37.67 54.00 -16.33 43.66 35.54 11.12 52.65 109 177 Average 3 7386.00 46.58 74.00 -27.42 49.13 36.57 13.13 52.25 --- --- Peak

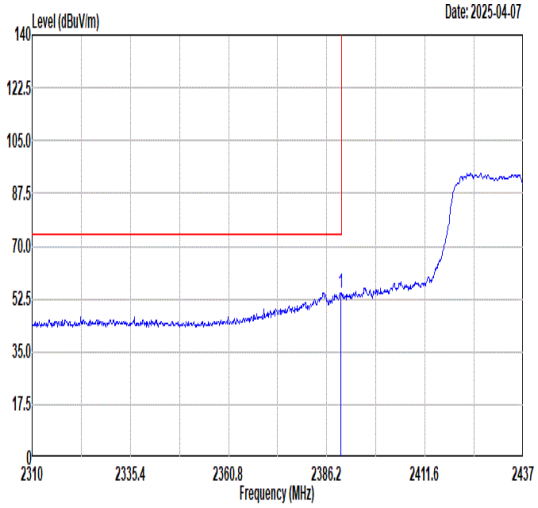
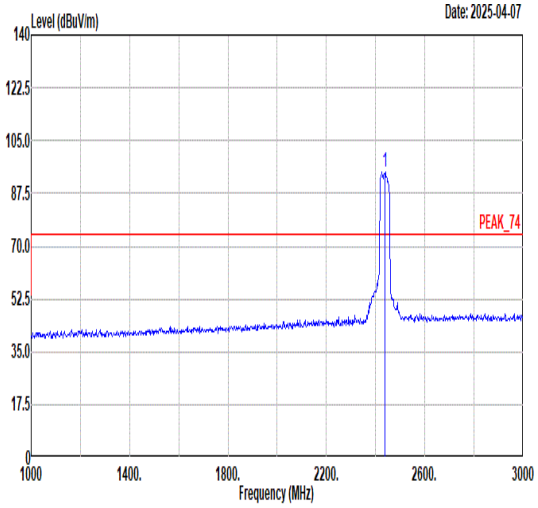
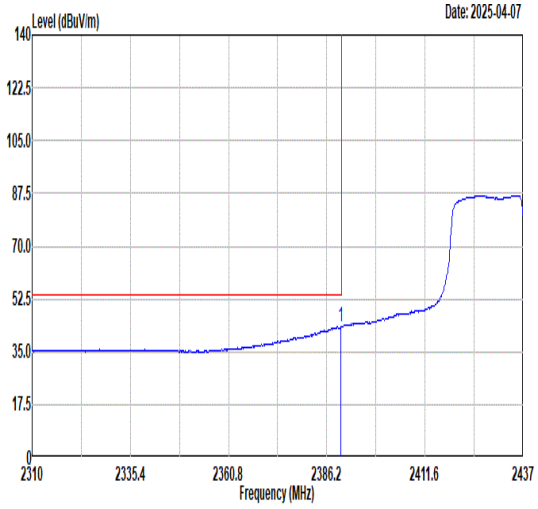
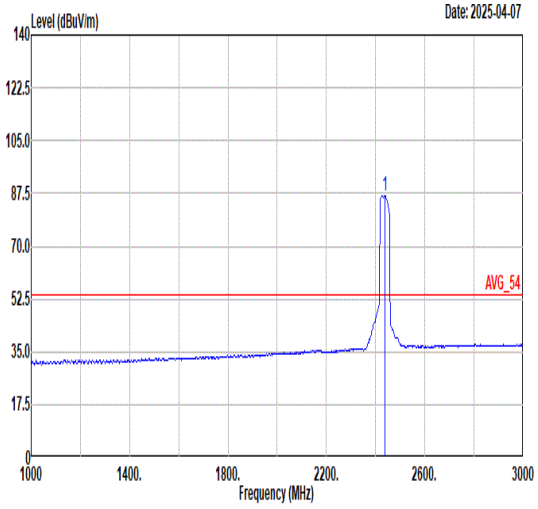
Mode	19	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.97 55.25 74.00 -18.75 49.53 30.60 7.76 32.64 364 175 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2422.00 91.86 ------ ------ 86.02 30.65 7.82 32.63 364 175 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.52 44.64 54.00 -9.36 38.92 30.60 7.76 32.64 364 175 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2422.00 83.77 ------ ------ 77.93 30.65 7.82 32.63 364 175 AVERAGE

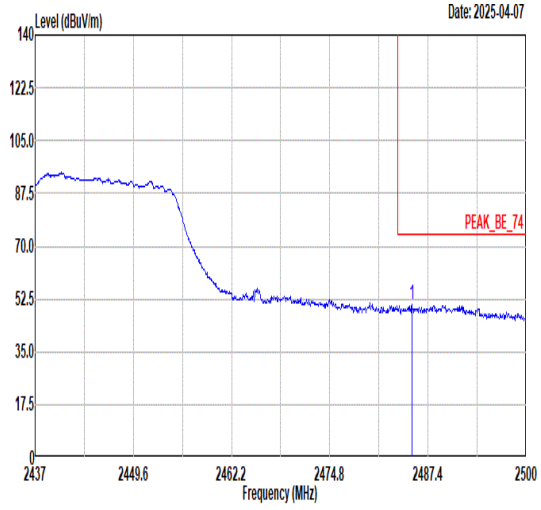
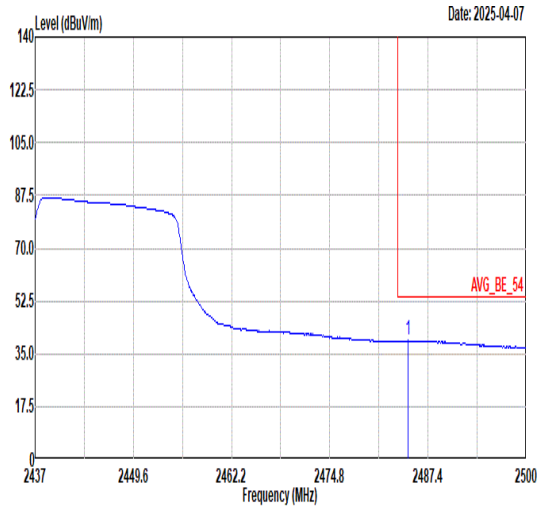
Mode	19	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2497.27 46.72 74.00 -27.28 40.82 30.61 7.89 32.60 364 175 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.95 36.17 54.00 -17.83 30.27 30.63 7.88 32.61 364 175 AVERAGE	Blank

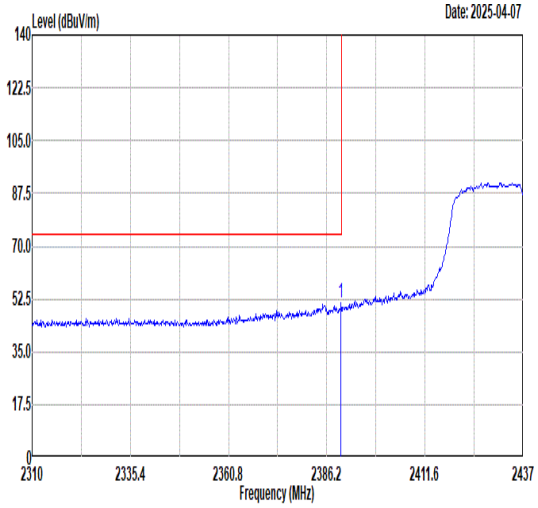
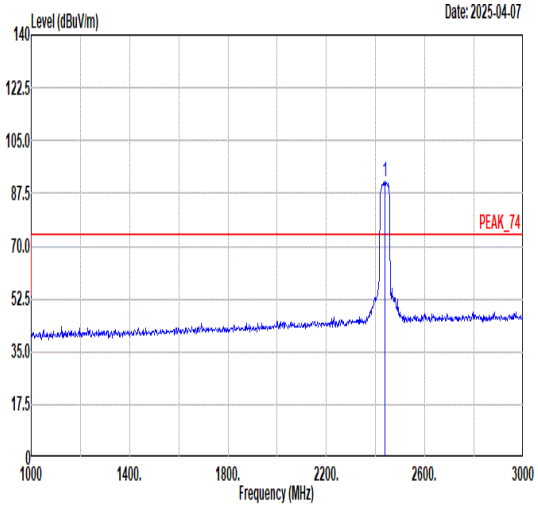
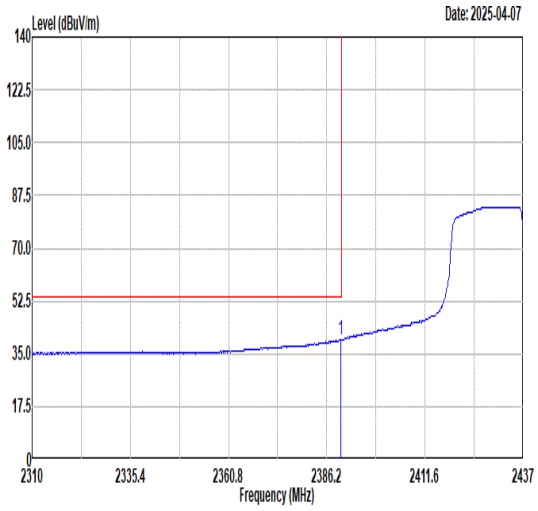
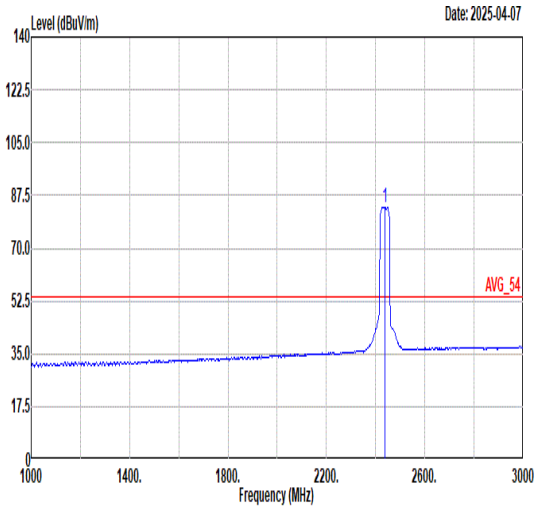
Mode	19	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.52 53.78 74.00 -20.22 48.06 30.60 7.76 32.64 348 274 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2422.00 90.17 ------ ------ 84.33 30.65 7.82 32.63 348 274 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.52 43.81 54.00 -10.19 38.09 30.60 7.76 32.64 348 274 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2422.00 82.28 ------ ------ 76.45 30.64 7.82 32.63 348 274 AVERAGE

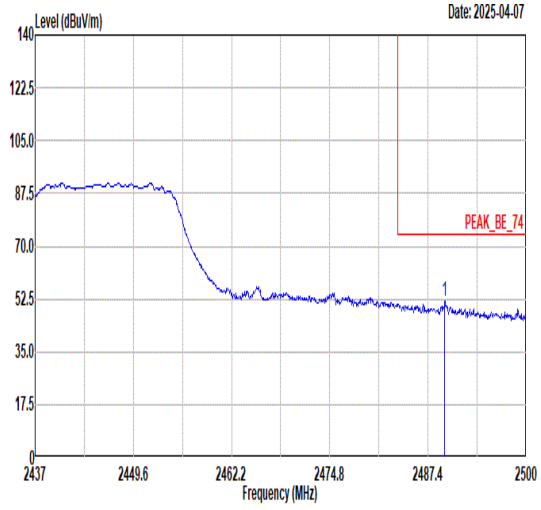
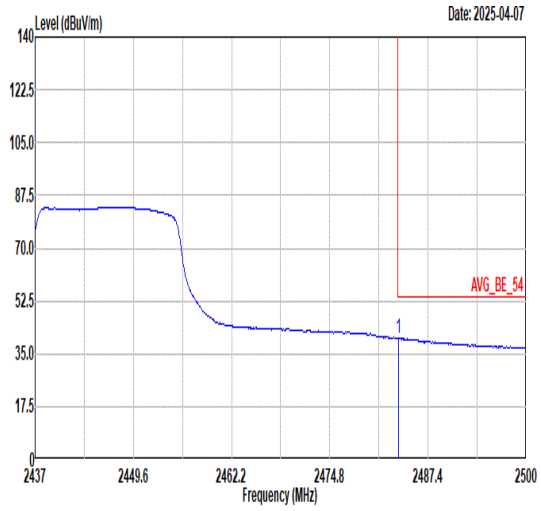
Mode	19	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2499.06 46.73 74.00 -27.27 40.84 30.60 7.89 32.60 348 274 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.09 36.07 54.00 -17.93 30.17 30.63 7.88 32.61 348 274 AVERAGE	Blank

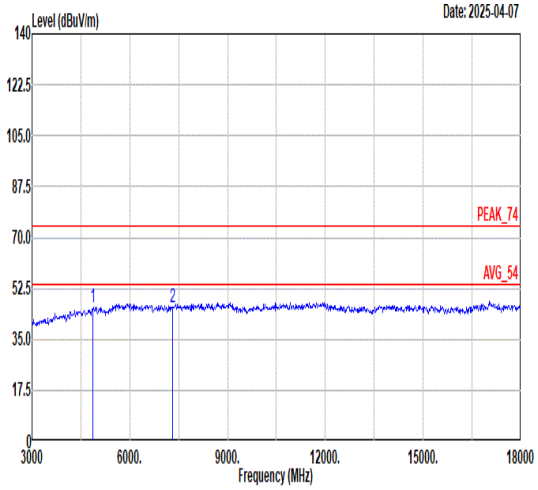
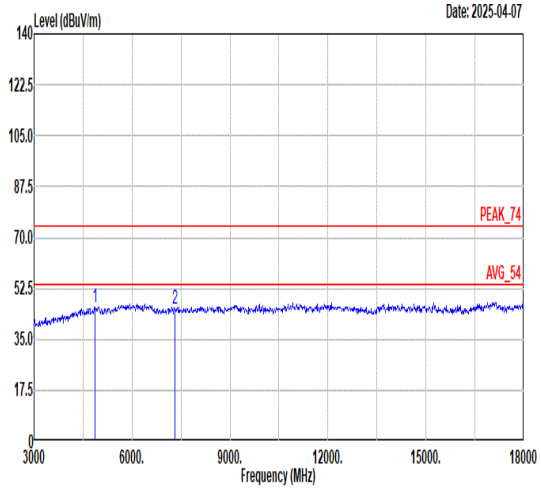
Mode	19	
	Harmonic	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4844.00 45.35 74.00 -28.65 51.57 35.30 11.09 52.61 --- --- Peak 2 7266.00 46.24 74.00 -27.76 48.80 36.60 13.05 52.21 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4844.00 46.05 74.00 -27.95 52.27 35.30 11.09 52.61 --- --- Peak 2 7266.00 45.60 74.00 -28.40 48.16 36.60 13.05 52.21 --- --- Peak

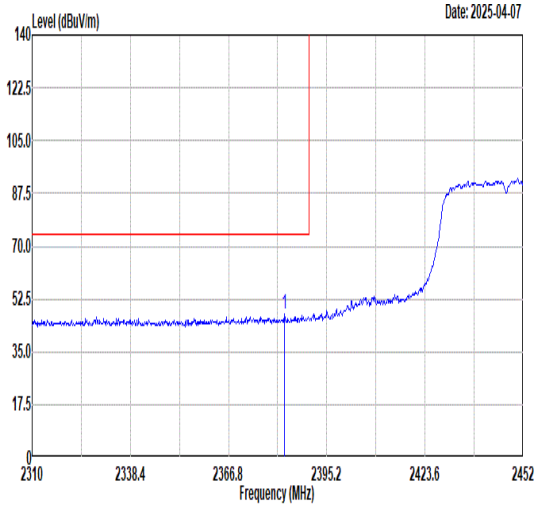
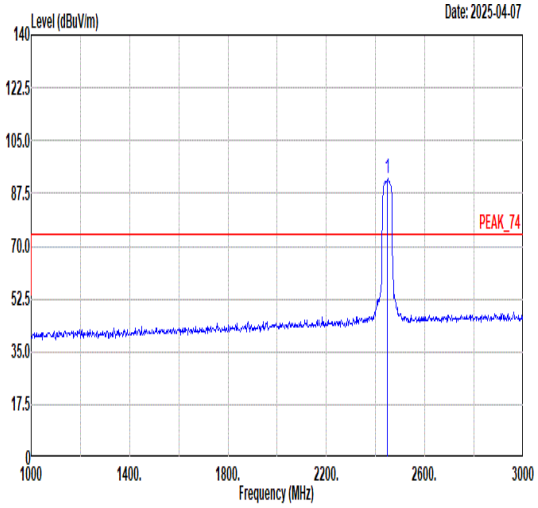
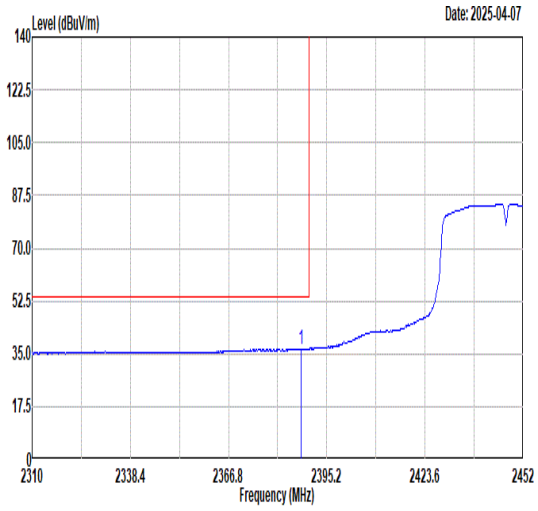
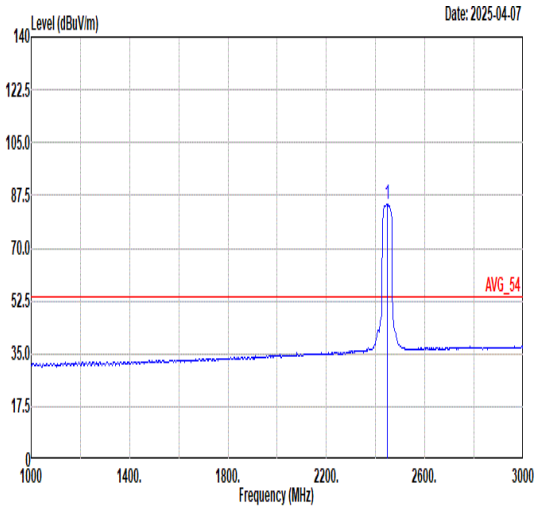
Mode	20	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.76 54.37 74.00 -19.63 48.65 30.60 7.76 32.64 364 174 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 94.66 ------ ------ 88.82 30.65 7.82 32.63 364 174 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.88 43.18 54.00 -10.82 37.46 30.60 7.76 32.64 364 174 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 86.84 ------ ------ 80.95 30.68 7.83 32.62 364 174 AVERAGE

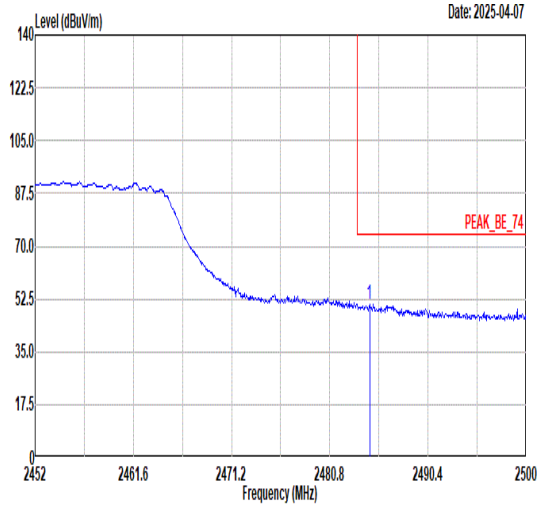
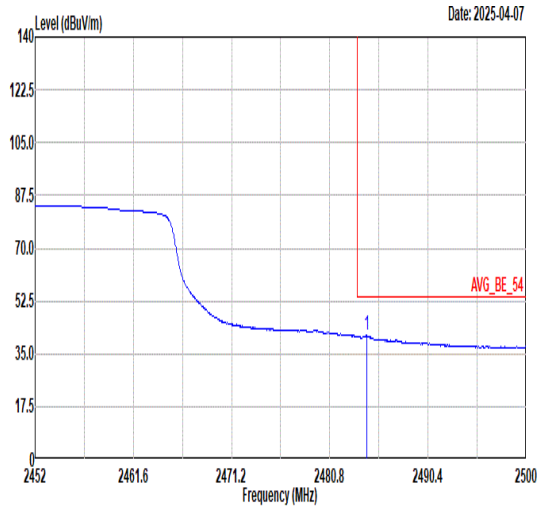
Mode	20	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2485.32 50.50 74.00 -23.50 44.60 30.63 7.88 32.61 364 174 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.82 39.49 54.00 -14.51 33.59 30.63 7.88 32.61 364 174 AVERAGE	Blank

Mode	20	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.88 51.19 74.00 -22.81 45.47 30.60 7.76 32.64 358 321 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2437.00 91.21 ------ ------ 85.31 30.68 7.84 32.62 358 321 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.88 39.58 54.00 -14.42 33.86 30.60 7.76 32.64 358 321 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2437.00 83.66 ------ ------ 77.79 30.67 7.83 32.63 358 321 AVERAGE

Mode	20	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2489.54 51.59 74.00 -22.41 45.69 30.62 7.88 32.60 358 321 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.62 40.18 54.00 -13.82 34.28 30.63 7.88 32.61 358 321 AVERAGE	Blank

Mode	20	
	Harmonic	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 45.84 74.00 -28.16 52.01 35.35 11.10 52.62 --- --- Peak 2 7311.00 45.90 74.00 -28.10 48.46 36.58 13.08 52.22 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 46.21 74.00 -27.79 52.38 35.35 11.10 52.62 --- --- Peak 2 7311.00 45.39 74.00 -28.61 47.95 36.58 13.08 52.22 --- --- Peak

Mode	21	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH08_2447MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2382.99 47.56 74.00 -26.44 41.87 30.60 7.74 32.65 345 175 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2447.00 92.54 ------ ------ 86.62 30.70 7.84 32.62 345 175 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2387.82 36.71 54.00 -17.29 31.00 30.60 7.75 32.64 345 175 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2447.00 84.53 ------ ------ 78.61 30.70 7.84 32.62 345 175 AVERAGE

Mode	21	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH08_2447MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.69 50.85 74.00 -23.15 44.95 30.63 7.88 32.61 345 175 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.40 41.06 54.00 -12.94 35.16 30.63 7.88 32.61 345 175 AVERAGE	Blank

Mode	21	
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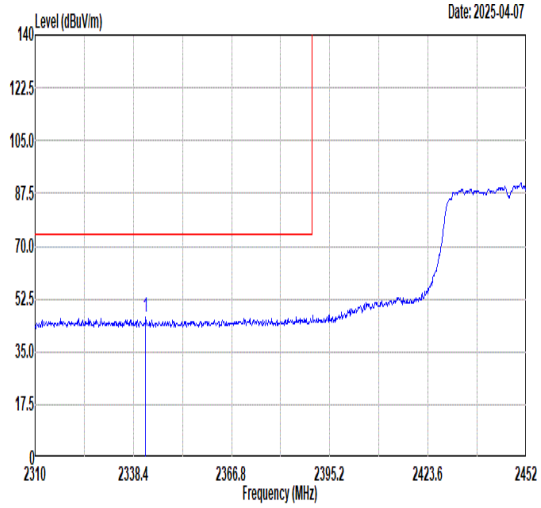
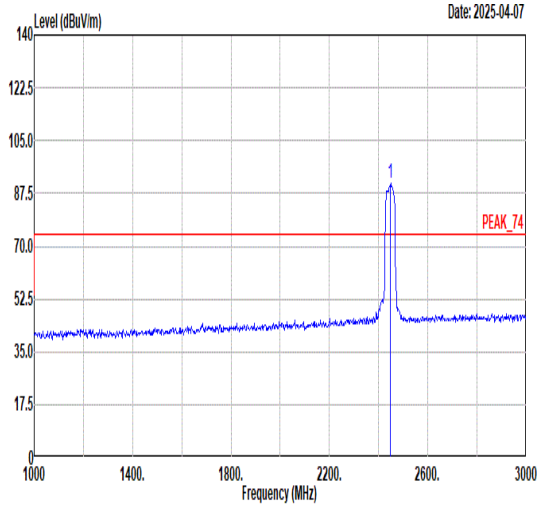
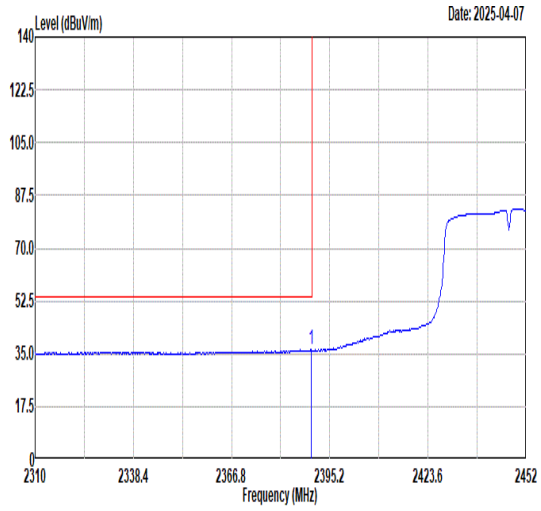
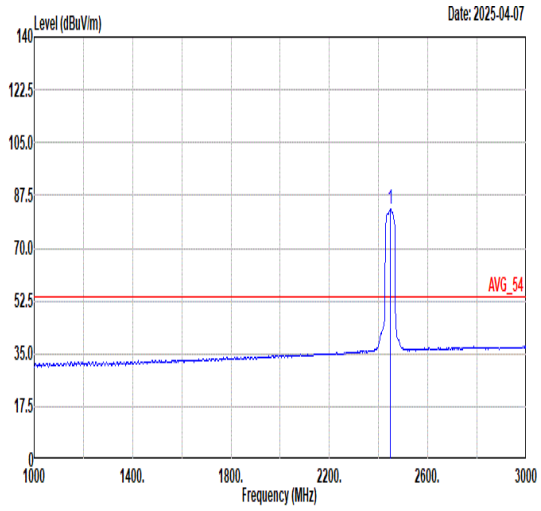
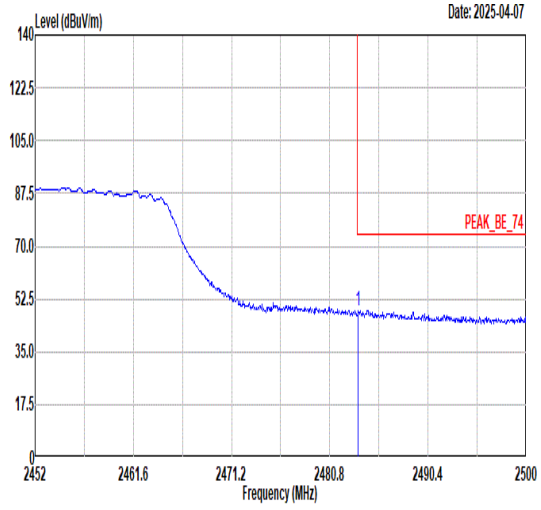
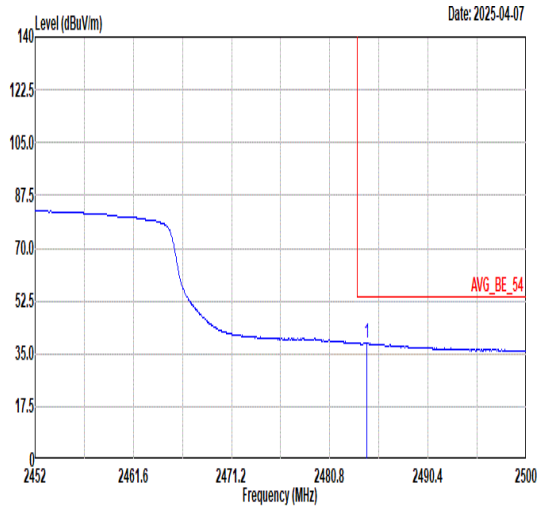
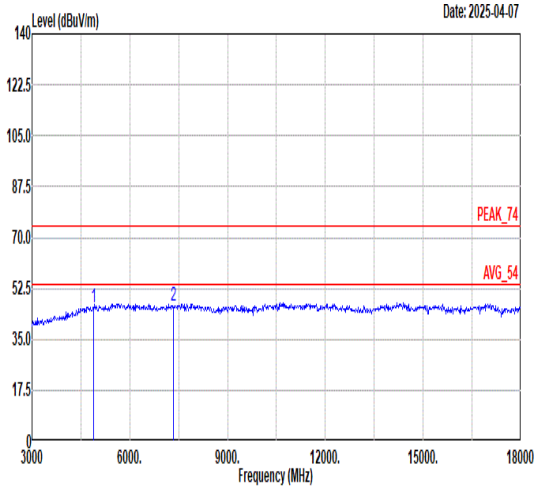
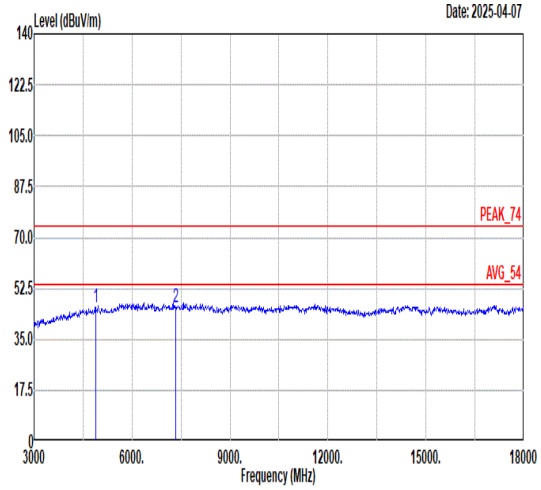
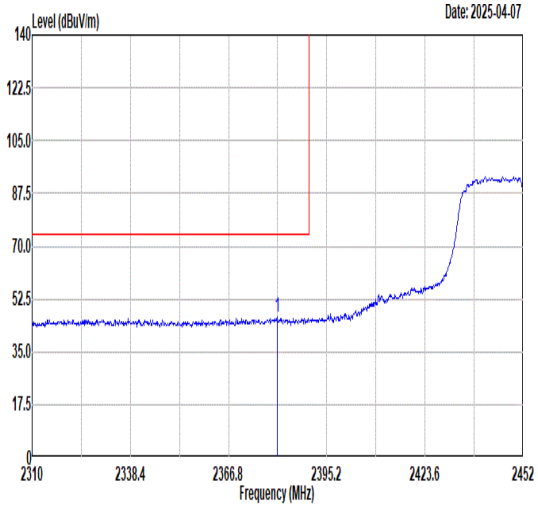
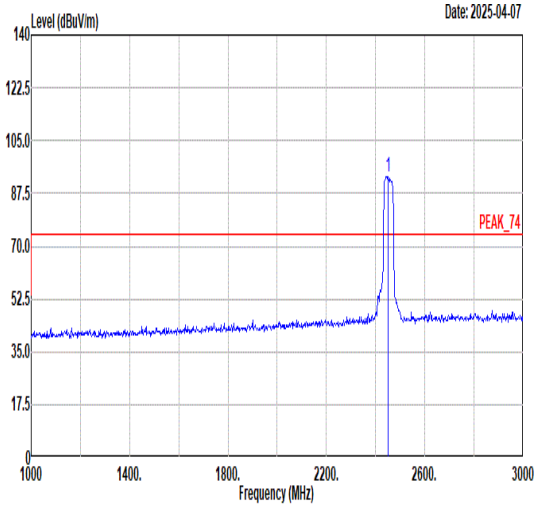
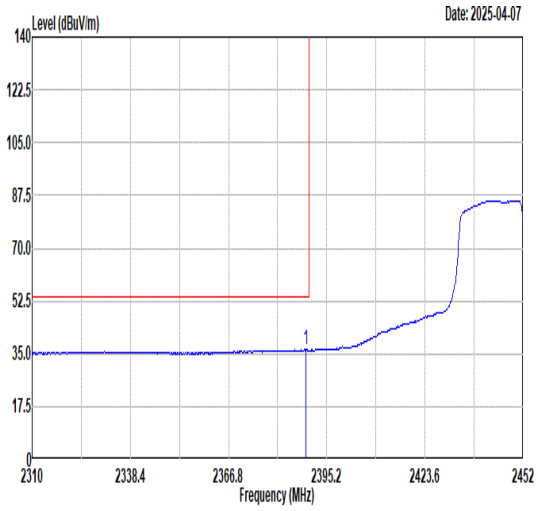
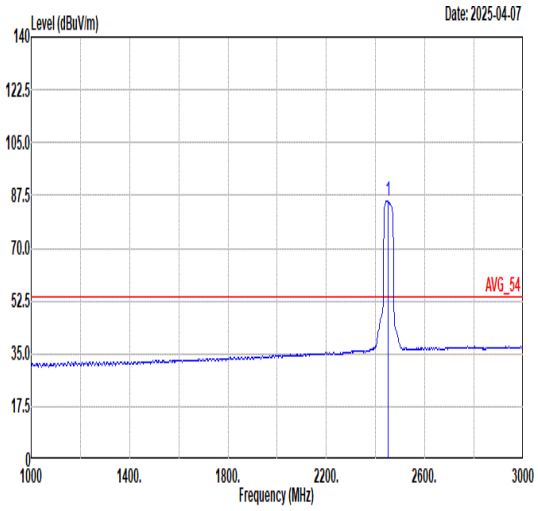
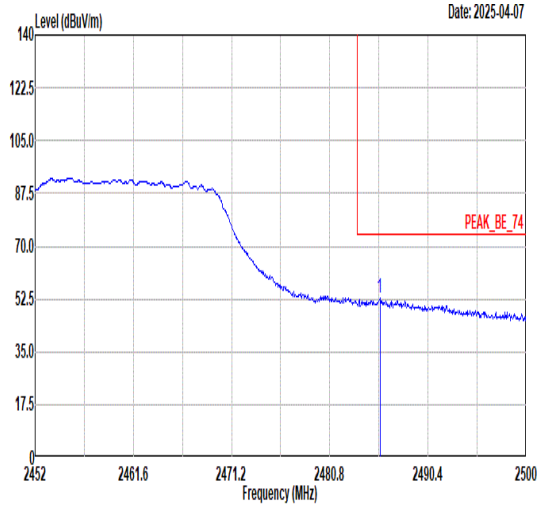
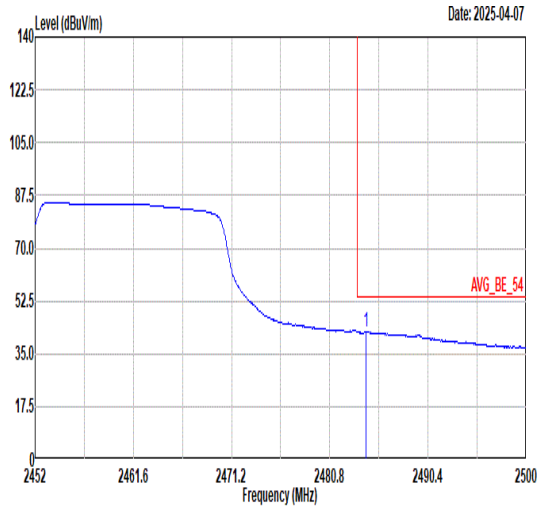
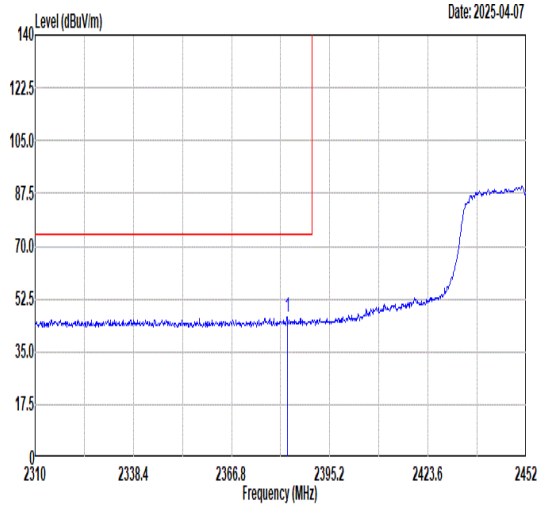
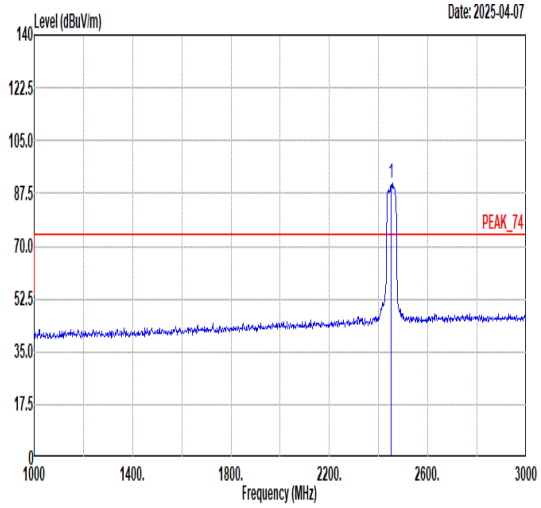
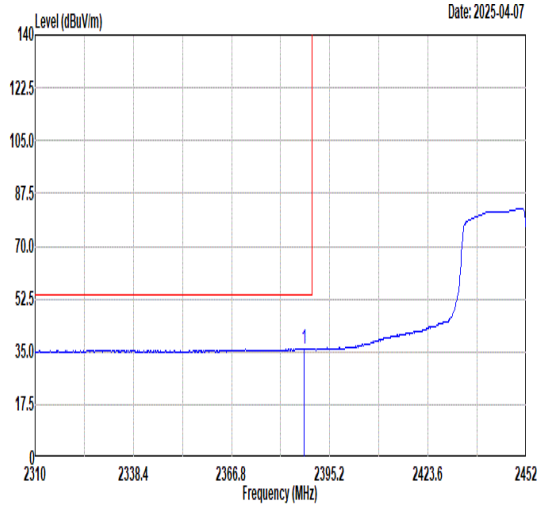
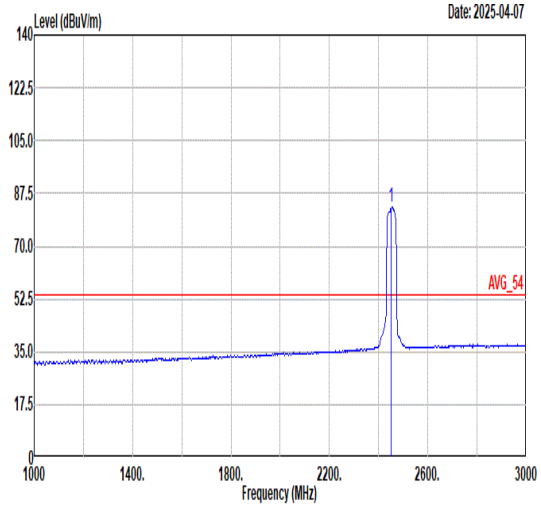
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2341.95 46.68 74.00 -27.32 41.12 30.60 7.62 32.66 361 318 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2447.00 91.10 ------ ------ 85.18 30.70 7.84 32.62 361 318 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.80 36.25 54.00 -17.75 30.53 30.60 7.76 32.64 361 318 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2447.00 82.99 ------ ------ 77.07 30.70 7.84 32.62 361 318 AVERAGE

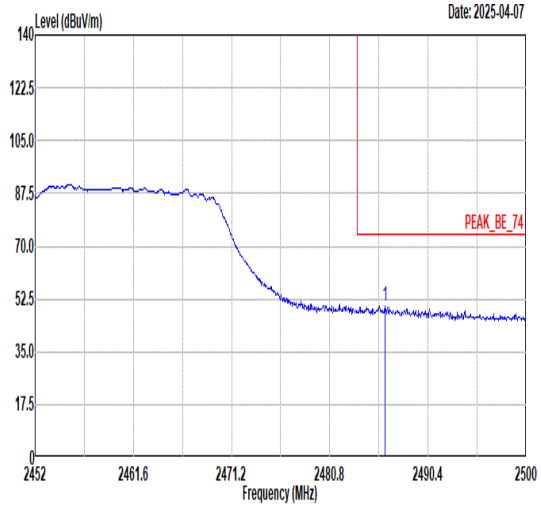
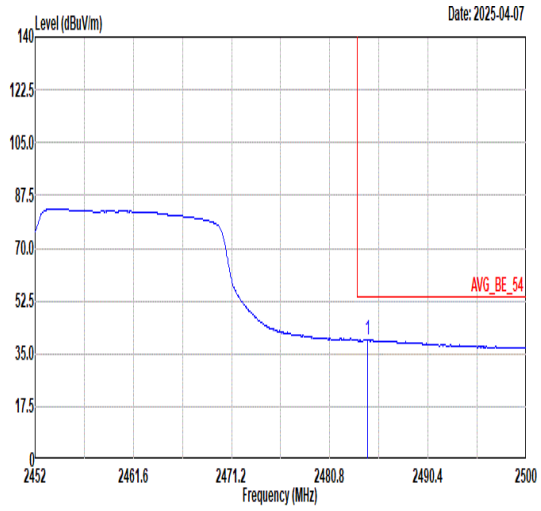
Mode	21	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH08_2447MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.58 48.53 74.00 -25.47 42.63 30.63 7.88 32.61 361 318 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.40 38.68 54.00 -15.32 32.78 30.63 7.88 32.61 361 318 AVERAGE	Blank

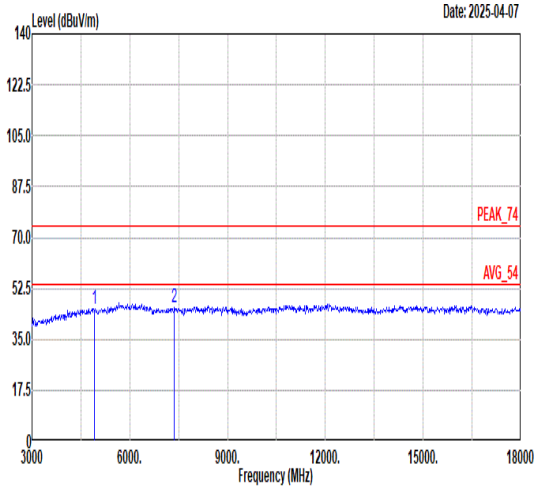
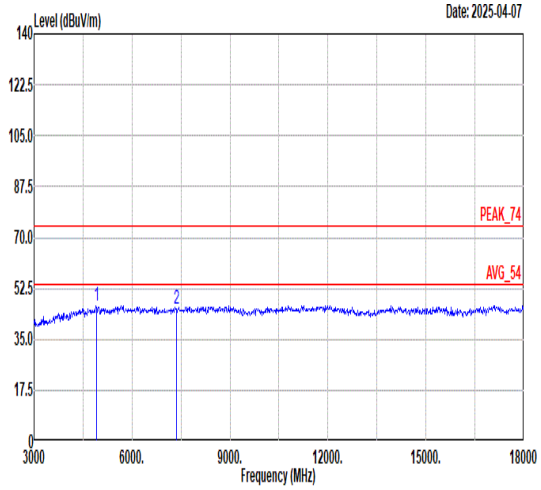
Mode	21	
	Harmonic	
	2400-2483.5_802.11n HT40_CH08_2447MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4894.00 45.95 74.00 -28.05 52.09 35.39 11.11 52.64 --- --- Peak 2 7341.00 46.41 74.00 -27.59 49.03 36.52 13.10 52.24 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4894.00 46.01 74.00 -27.99 52.15 35.39 11.11 52.64 --- --- Peak 2 7341.00 45.92 74.00 -28.08 48.54 36.52 13.10 52.24 --- --- Peak

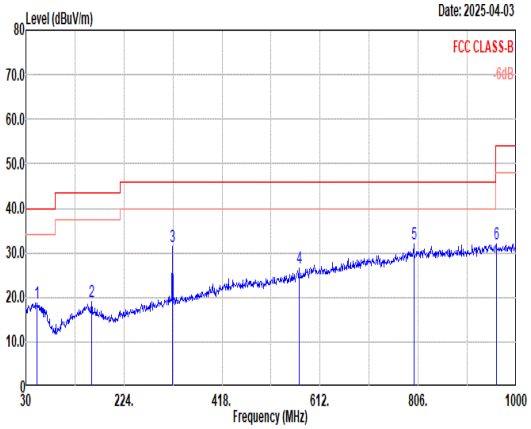
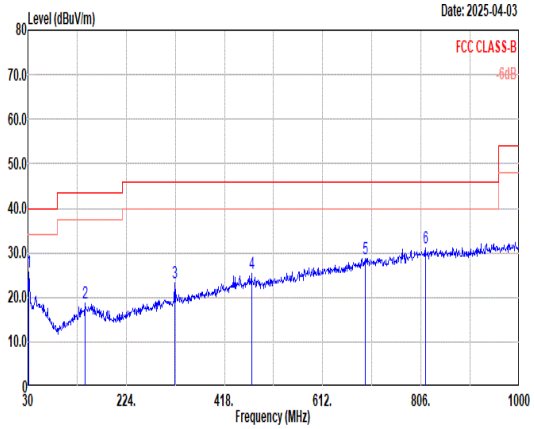
Mode	22	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH09_2452MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2380.86 46.39 74.00 -27.61 40.71 30.60 7.73 32.65 351 175 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2452.00 93.03 ------ ------ 87.13 30.68 7.84 32.62 351 175 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.24 36.44 54.00 -17.56 30.72 30.60 7.76 32.64 351 175 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2452.00 85.58 ------ ------ 79.68 30.68 7.84 32.62 351 175 AVERAGE

Mode	22	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH09_2452MHz	
ANT	0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2485.70 52.79 74.00 -21.21 46.89 30.63 7.88 32.61 351 175 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.35 42.49 54.00 -11.51 36.59 30.63 7.88 32.61 351 175 AVERAGE	Blank

Mode	22	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH09_2452MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2382.85 46.43 74.00 -27.57 40.74 30.60 7.74 32.65 318 322 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2452.00 90.83 ------ ------ 84.91 30.69 7.85 32.62 318 322 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2387.82 35.94 54.00 -18.06 30.23 30.60 7.75 32.64 318 322 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2452.00 82.81 ------ ------ 76.89 30.69 7.85 32.62 318 322 AVERAGE

Mode	22	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH09_2452MHz	
ANT	0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2486.18 50.07 74.00 -23.93 44.17 30.63 7.88 32.61 318 322 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.50 39.79 54.00 -14.21 33.89 30.63 7.88 32.61 318 322 AVERAGE	Blank

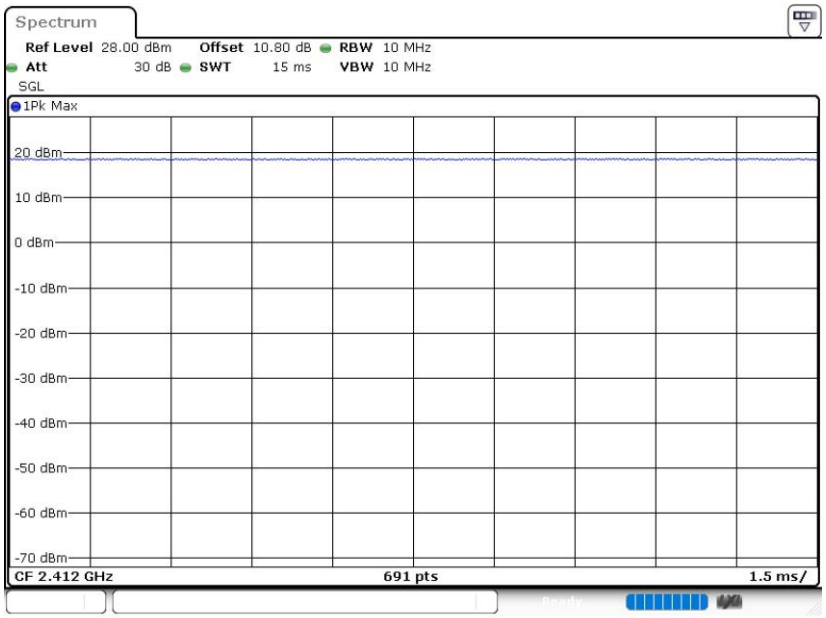
Mode	22	
	Harmonic	
	2400-2483.5_802.11n HT40_CH09_2452MHz	
ANT	0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4904.00 45.28 74.00 -28.72 51.39 35.42 11.11 52.64 --- --- Peak 2 7356.00 46.10 74.00 -27.90 48.72 36.51 13.11 52.24 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4904.00 46.24 74.00 -27.76 52.35 35.42 11.11 52.64 --- --- Peak 2 7356.00 45.39 74.00 -28.61 48.01 36.51 13.11 52.24 --- --- Peak

Mode	23	
	LF	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	0	
Pol.	Horizontal	Vertical
QP/ Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 52.31 18.68 40.00 -21.32 37.03 20.27 1.32 39.94 --- --- Peak 2 159.98 19.16 43.50 -24.34 37.56 19.32 2.30 40.02 --- --- Peak 3 320.03 31.42 46.00 -14.58 47.87 20.23 3.22 39.90 --- --- Peak 4 570.29 26.56 46.00 -19.44 36.73 25.19 4.30 39.66 --- --- Peak 5 797.27 32.06 46.00 -13.94 38.25 28.21 5.07 39.47 --- --- Peak 6 960.23 32.02 54.00 -21.98 35.89 29.84 5.59 39.30 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 30.97 25.68 40.00 -14.32 45.69 18.84 1.03 39.88 --- --- Peak 2 143.49 18.61 43.50 -24.89 37.16 19.32 2.17 40.04 --- --- Peak 3 320.03 23.10 46.00 -22.90 39.55 20.23 3.22 39.90 --- --- Peak 4 471.35 25.30 46.00 -20.70 37.63 23.47 3.91 39.71 --- --- Peak 5 696.39 28.79 46.00 -17.21 36.72 26.90 4.73 39.56 --- --- Peak 6 814.73 30.99 46.00 -15.01 37.02 28.31 5.12 39.46 --- --- Peak

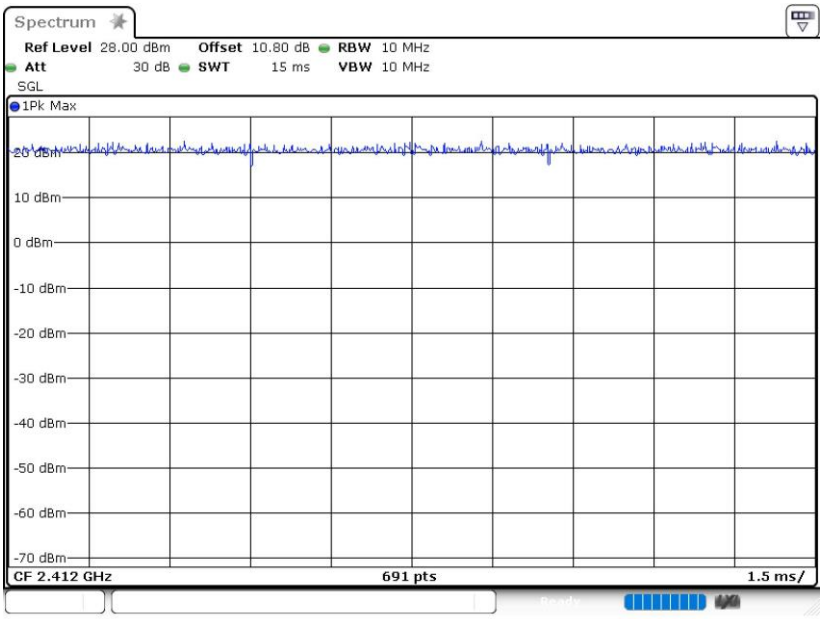
Appendix B. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11b	100	-	-	10Hz
802.11g	100	-	-	10Hz
802.11n HT20	100	-	-	10Hz
802.11n HT40	100	-	-	10Hz

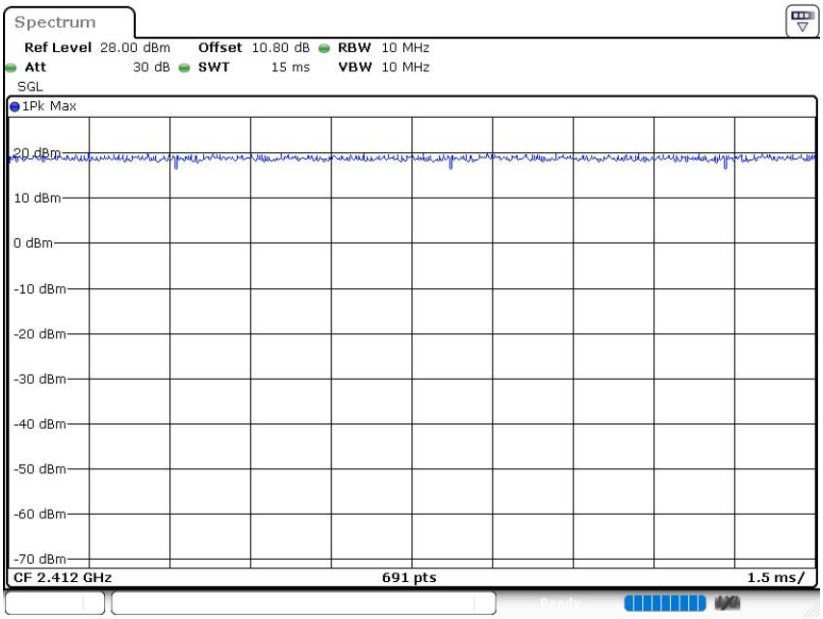
802.11b



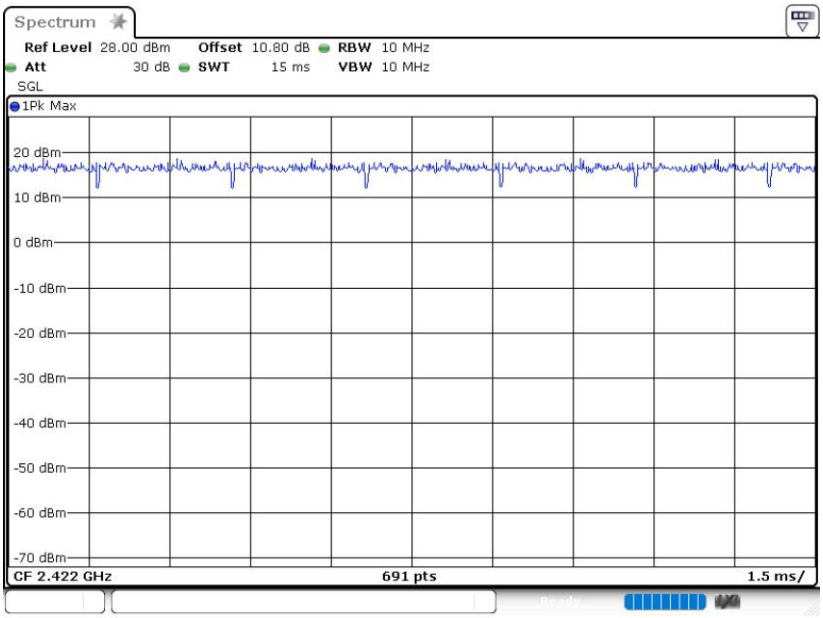
802.11g



802.11n HT20



802.11n HT40


Spectrum
Ref Level 28.00 dBm Offset 10.80 dB RBW 10 MHz
Att 30 dB SWT 15 ms VBW 10 MHz
SGL
1Pk Max
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
CF 2.422 GHz
691 pts
1.5 ms/