FCC RF Test Report

APPLICANT	:	Motorola Mobility LLC
EQUIPMENT	:	Mobile Cellular Phone
BRAND NAME	:	Motorola
MODEL NAME	:	XT2623-1
FCC ID	:	IHDT56AT1
STANDARD	:	FCC Part 15 Subpart C §15.247
CLASSIFICATION	:	(DTS) Digital Transmission System
TEST DATE(S)	:	Oct. 12, 2025 ~ Nov. 12, 2025

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
FR482104-18C	Rev. 01	Initial issue of report	Nov. 21, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.247(b)	Conducted Output Power	≤ 30dBm	Pass	-
3.2	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	15.209(a) & 15.247(d)	Pass	Under limit 3.25 dB at 2389.95 MHz
3.3	15.203 & 15.247(b)	Antenna Requirement	15.203 & 15.247(b)	Pass	-

Note: This is a variant report for XT2623-1. The change note could be the XT2623-1_Operational Description of referred to the product equality declaration which is exhibit separately. According to the differences, only the related test cases were verified from original test report (Sporton Report Number FR482104C).

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

Motorola Mobility LLC
222 W. Merchandise Mart Plaza, Chicago IL 60654, USA

1.2 Manufacturer

Motorola Mobility LLC
222 W. Merchandise Mart Plaza, Chicago IL 60654, USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2623-1
FCC ID	IHDT56AT1
IMEI Code	Conducted: 350084460013519/350084460013527 Radiation: 350084460004674/350084460004682 for Sample 1 350084460013097/350084460013105 for Sample 2 350084460018252/350084460018260 for Sample 3
HW Version	DVT2
SW Version	VVTB35.5
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. There are four type of EUT, the differences could be referred to the XT2623-1_Operational Description of Product Equality Declaration which is exhibit separately. According to the difference, we chose sample 1 to perform full test and the sample 2/3 is verified for the difference, the sample 4 is no tested.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Channel Frequency Range	2412 MHz ~ 2462 MHz
Maximum (Peak) Output Power to antenna	802.11b : 20.93 dBm (0.1239 W) 802.11g : 25.40 dBm (0.3467 W) 802.11n HT20 : 25.50 dBm (0.3548 W) 802.11n HT40 : 24.78 dBm (0.3006 W)
Antenna Type / Gain	PIFA Antenna type with gain -4.5 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 Specification of Accessory

Specification of Accessory				
AC Adapter 1(US)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-201L
AC Adapter 1(EU)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-202L
AC Adapter 1(UK)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-203L
AC Adapter 1(IN)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-204
AC Adapter 1(AU)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-205L
AC Adapter 1(AR)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-206L
AC Adapter 1(PRC)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-208L
AC Adapter 1(CHILE)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-209L
AC Adapter 2(US)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-201L
AC Adapter 2(EU)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-202L
AC Adapter 2(UK)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-203L
AC Adapter 2(AU)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-205L
AC Adapter 2(AR)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-206L
AC Adapter 2(BR)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-207L
AC Adapter 2(PRC)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-208L
AC Adapter 2(CHILE)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-209L
AC Adapter 3(US)	**Brand Name**	Motorola(CHENYANG)	**Model Name**	MC-201L
AC Adapter 3(EU)	**Brand Name**	Motorola(CHENYANG)	**Model Name**	MC-202L
AC Adapter 3(AR)	**Brand Name**	Motorola(CHENYANG)	**Model Name**	MC-206L
AC Adapter 3(BR)	**Brand Name**	Motorola(CHENYANG)	**Model Name**	MC-207L
Battery 1	**Brand Name**	Motorola(ATL)	**Model Name**	RL52
Battery 2	**Brand Name**	Motorola(COSMX)	**Model Name**	RL52
Battery 3	**Brand Name**	Motorola(SUNWODA)	**Model Name**	RL52
USB Cable 1	**Brand Name**	Motorola(Yihuaxing)	**Model Name**	T365-020 T365-020-01 T365-020-02
USB Cable 2	**Brand Name**	Motorola(WASHIN)	**Model Name**	HX-TL-01 HX-TL-08 HX-TL-07
USB Cable 3	**Brand Name**	Motorola(Juwei)	**Model Name**	JWUB1614-T03H JWUB1705-T03H JWUB1856-T03H
USB Cable 4	**Brand Name**	Motorola(I-SHENG)	**Model Name**	SC18D38574

1.7 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 03CH04-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH04-SZ	AUDIX	E3	6.2009-8-24

1.9 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 C63.10-2020

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.
3. The standard of ANSI C63.10-2013 updated to ANSI C63.10-2020, the difference is not affect on test results of this device.

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 (Y 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

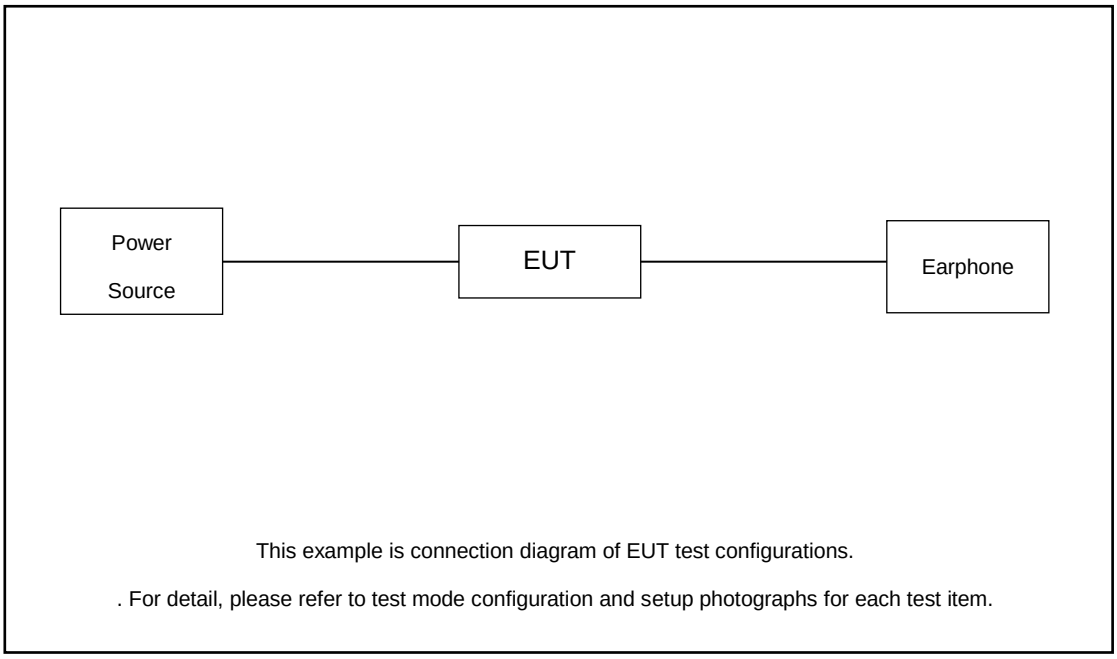
Final test modes are considering the modulation and worse data rates as below table.

SISO Antenna

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

Radiated Emission:



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Earphone	N/A	N/A	N/A	N/A	N/A

2.5 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 output power is 30dBm. If transmitting antenna with directional gain greater than 6dBi is used, the 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.

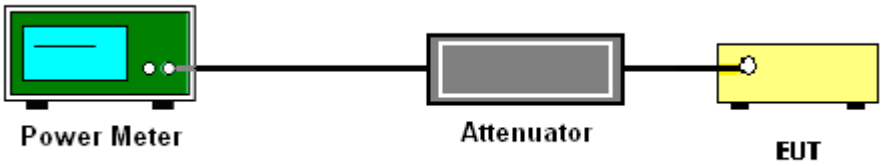
3.1.2 Measuring Instruments

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 C63.10-2020 clause 11.9.1.2 PKPM1 Peak power meter or ANSI C63.10-2020 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

2.4GHz Band										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant 5	Ant 5	Ant 5	Ant 5	Ant 5	
11b	1Mbps	1	1	2412	20.93	30.00	-4.50	16.43	36.00	Pass
11b	1Mbps	1	6	2437	20.66	30.00	-4.50	16.16	36.00	Pass
11b	1Mbps	1	11	2462	20.48	30.00	-4.50	15.98	36.00	Pass
11g	6Mbps	1	1	2412	24.05	30.00	-4.50	19.55	36.00	Pass
11g	6Mbps	1	6	2437	25.40	30.00	-4.50	20.90	36.00	Pass
11g	6Mbps	1	10	2457	25.36	30.00	-4.50	20.86	36.00	Pass
11g	6Mbps	1	11	2462	23.56	30.00	-4.50	19.06	36.00	Pass
HT20	MCS0	1	1	2412	24.33	30.00	-4.50	19.83	36.00	Pass
HT20	MCS0	1	6	2437	25.50	30.00	-4.50	21.00	36.00	Pass
HT20	MCS0	1	10	2457	25.47	30.00	-4.50	20.97	36.00	Pass
HT20	MCS0	1	11	2462	23.50	30.00	-4.50	19.00	36.00	Pass
HT40	MCS0	1	3	2422	24.77	30.00	-4.50	20.27	36.00	Pass
HT40	MCS0	1	6	2437	24.78	30.00	-4.50	20.28	36.00	Pass
HT40	MCS0	1	7	2442	24.02	30.00	-4.50	19.52	36.00	Pass
HT40	MCS0	1	8	2447	23.52	30.00	-4.50	19.02	36.00	Pass
HT40	MCS0	1	9	2452	22.88	30.00	-4.50	18.38	36.00	Pass

3.1.6 Test Result of Average Output Power (Reporting Only)

2.4GHz Band											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Setting
					Ant 5	Ant 5	Ant 5	Ant 5	Ant 5		Ant 5
11b	1Mbps	1	1	2412	18.70	30.00	-4.50	14.20	36.00	Pass	19.00
11b	1Mbps	1	6	2437	18.60	30.00	-4.50	14.10	36.00	Pass	19.00
11b	1Mbps	1	11	2462	18.50	30.00	-4.50	14.00	36.00	Pass	19.00
11g	6Mbps	1	1	2412	16.00	30.00	-4.50	11.50	36.00	Pass	16.50
11g	6Mbps	1	6	2437	18.40	30.00	-4.50	13.90	36.00	Pass	19.00
11g	6Mbps	1	10	2457	18.40	30.00	-4.50	13.90	36.00	Pass	19.00
11g	6Mbps	1	11	2462	14.50	30.00	-4.50	10.00	36.00	Pass	15.50
HT20	MCS0	1	1	2412	16.00	30.00	-4.50	11.50	36.00	Pass	16.50
HT20	MCS0	1	6	2437	18.20	30.00	-4.50	13.70	36.00	Pass	19.00
HT20	MCS0	1	10	2457	18.20	30.00	-4.50	13.70	36.00	Pass	19.00
HT20	MCS0	1	11	2462	14.50	30.00	-4.50	10.00	36.00	Pass	15.50
HT40	MCS0	1	3	2422	16.40	30.00	-4.50	11.90	36.00	Pass	17.00
HT40	MCS0	1	6	2437	16.50	30.00	-4.50	12.00	36.00	Pass	17.00
HT40	MCS0	1	7	2442	15.70	30.00	-4.50	11.20	36.00	Pass	16.50
HT40	MCS0	1	8	2447	13.80	30.00	-4.50	9.30	36.00	Pass	14.50
HT40	MCS0	1	9	2452	12.80	30.00	-4.50	8.30	36.00	Pass	13.50

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

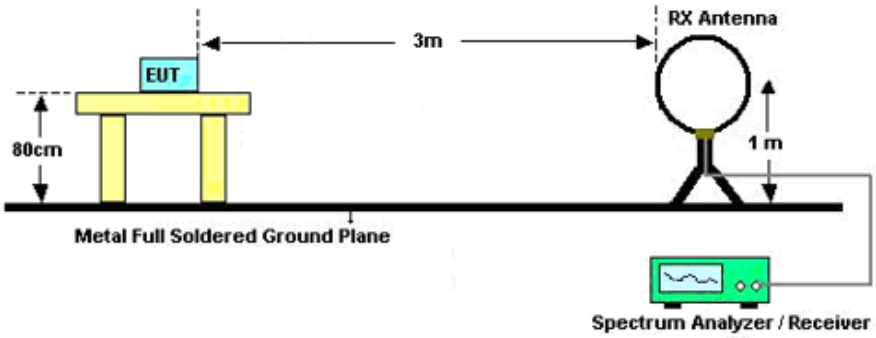
The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

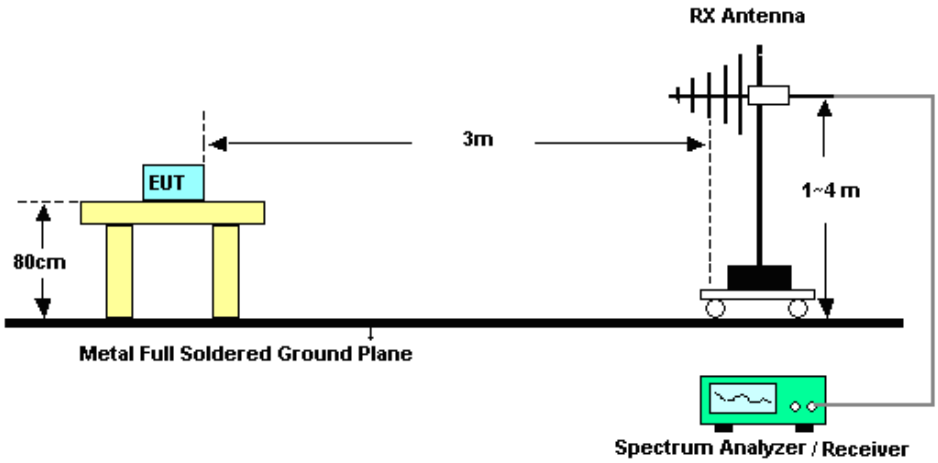
1. The testing follows ANSI C63.10-2020 clause 6.3, 6.5, 6.6, 11.11 and 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in 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

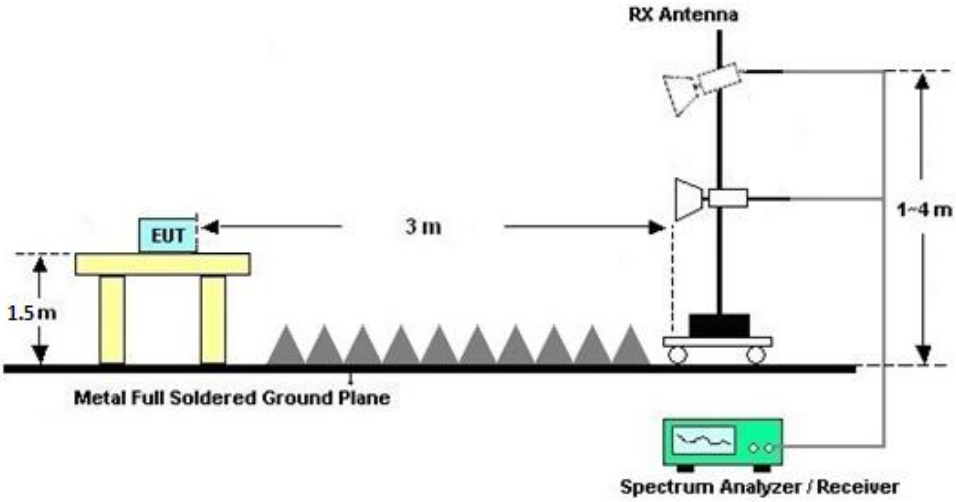
For radiated emissions below 30MHz



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
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Oct. 14, 2025	Oct. 16, 2025~ Nov. 12, 2025	Oct. 13, 2026	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Oct. 16, 2025~ Nov. 12, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Oct. 16, 2025~ Nov. 12, 2025	Dec. 27, 2025	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Apr. 21, 2025	Oct. 16, 2025~ Nov. 12, 2025	Apr. 20, 2026	Radiation (03CH04-SZ)
Double Ridge Guide Antenna	ETS-Lindgren	Burgeon-3117	00240057	1GHz~18GHz	Jul. 03, 2025	Oct. 16, 2025~ Nov. 12, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Jul. 04, 2025	Oct. 16, 2025~ Nov. 12, 2025	Jul. 03, 2026	Radiation (03CH04-SZ)
LF Amplifier	EM Electronics	EM330	060773	20MHz-3GHz	Apr. 02, 2025	Oct. 16, 2025~ Nov. 12, 2025	Apr. 01, 2026	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 14, 2025	Oct. 16, 2025~ Nov. 12, 2025	Oct. 13, 2026	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Oct. 16, 2025~ Nov. 12, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Amplifier	Agilent Technologies	83017A	MY57280136	500MHz~26.5GHz	Jul. 03, 2025	Oct. 16, 2025~ Nov. 12, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
AC Power Source	APC	AFV-S-600B	F119050019	N/A	Oct. 14, 2025	Oct. 16, 2025~ Nov. 12, 2025	Oct. 13, 2026	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Oct. 16, 2025~ Nov. 12, 2025	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Oct. 16, 2025~ Nov. 12, 2025	NCR	Radiation (03CH04-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Oct. 12, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 25, 2024	Oct. 12, 2025	Dec. 24, 2025	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Oct. 14, 2024	Oct. 12, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Thermo meter	Anymetre	JR593	#7	- 10℃ ~ 50℃ 10%RH~99%RH	Apr. 03, 2025	Oct. 12, 2025	Apr. 02, 2026	Conducted (TH01-SZ)

NCR: No Calibration Required

5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10. 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 (30 MHz ~ 1000 MHz)

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.8 dB

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

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

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

Appendix A. Radiated Spurious Emission Test Data

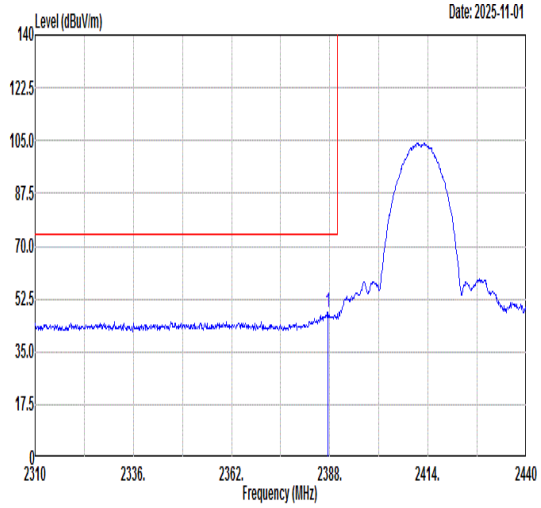
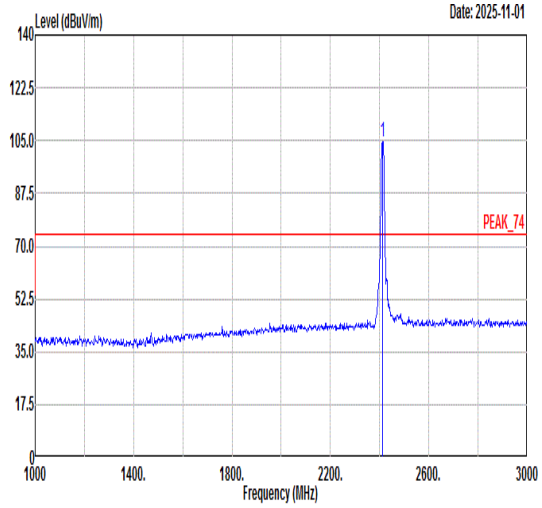
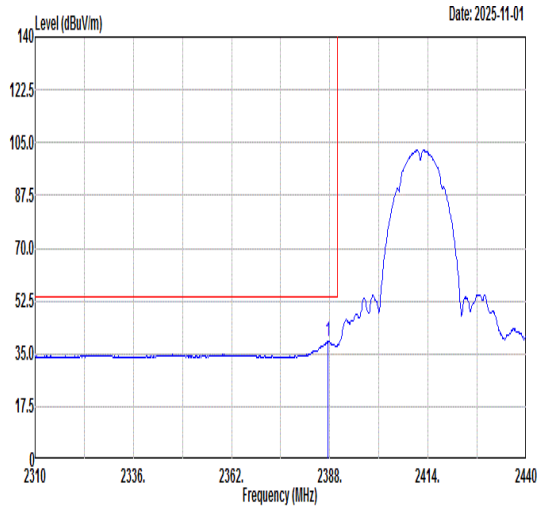
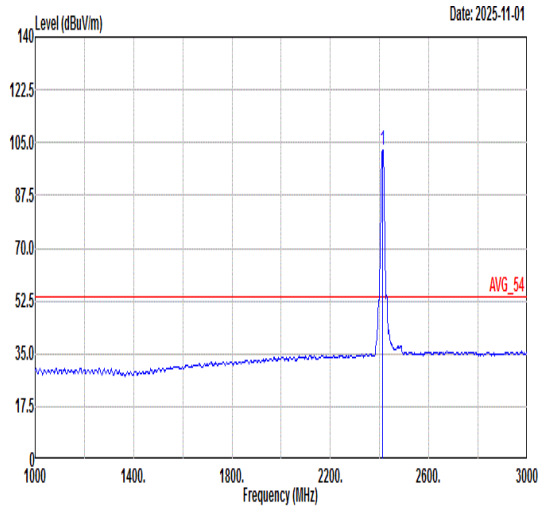
Test Engineer :	Winter	Relative Humidity :	48~49%
		Temperature :	24~25℃

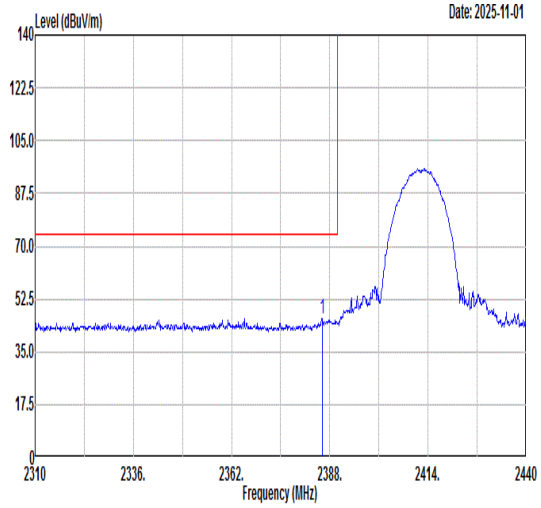
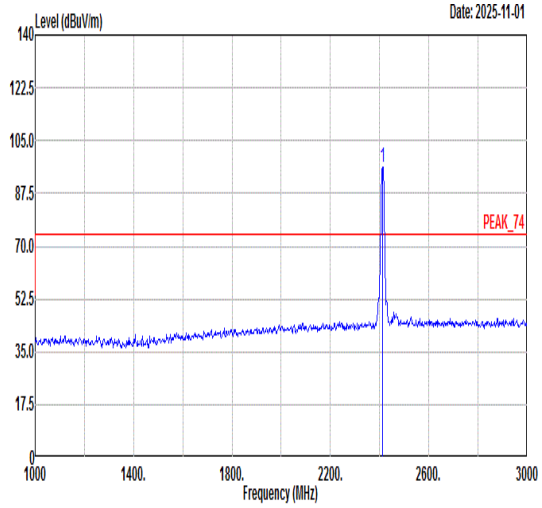
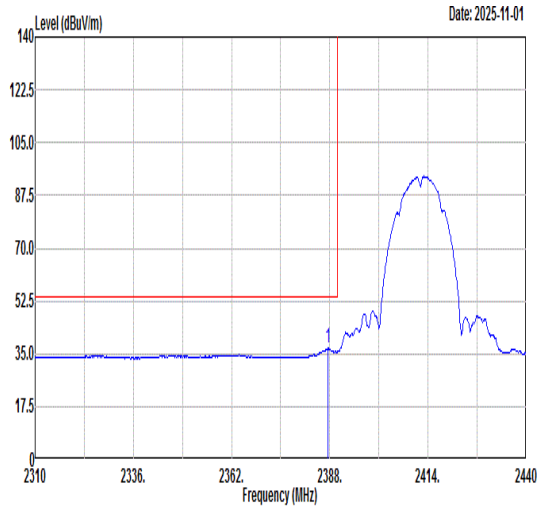
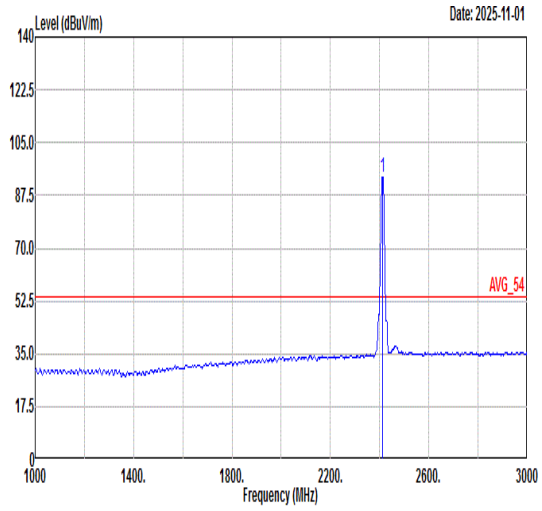
Radiated Spurious Emission Test Modes

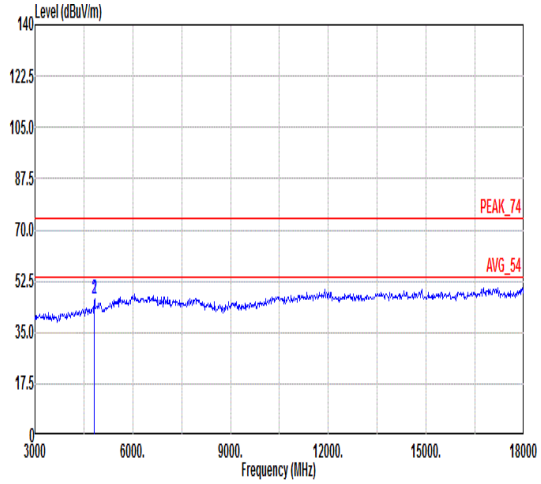
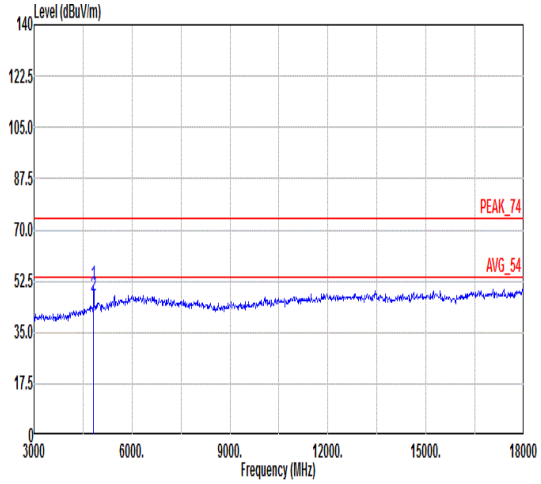
Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	Remark
Mode 1	2400-2483.5	5	802.11b	01	2412	1Mbps	Sample 1
Mode 2	2400-2483.5	5	802.11b	06	2437	1Mbps	Sample 1
Mode 3	2400-2483.5	5	802.11b	11	2462	1Mbps	Sample 1
Mode 4	2400-2483.5	5	802.11g	01	2412	6Mbps	Sample 1
Mode 5	2400-2483.5	5	802.11g	06	2437	6Mbps	Sample 1
Mode 6	2400-2483.5	5	802.11g	11	2462	6Mbps	Sample 1
Mode 7	2400-2483.5	5	802.11n HT20	01	2412	MCS0	Sample 1
Mode 8	2400-2483.5	5	802.11n HT20	06	2437	MCS0	Sample 1
Mode 9	2400-2483.5	5	802.11n HT20	11	2462	MCS0	Sample 1
Mode 10	2400-2483.5	5	802.11n HT40	03	2422	MCS0	Sample 1
Mode 11	2400-2483.5	5	802.11n HT40	09	2452	MCS0	Sample 1
Mode 12	2400-2483.5	5	802.11n HT20 LF	01	-	MCS0	Sample 1
Mode 13	2400-2483.5	5	802.11g	10	2457	6Mbps	Sample 1
Mode 14	2400-2483.5	5	802.11n HT20	02	2417	MCS0	Sample 1
Mode 15	2400-2483.5	5	802.11n HT20	10	2457	MCS0	Sample 1
Mode 16	2400-2483.5	5	802.11n HT40	06	2437	MCS0	Sample 1
Mode 17	2400-2483.5	5	802.11n HT40	08	2447	MCS0	Sample 1
Mode 18	2400-2483.5	5	802.11n HT40	07	2442	MCS0	Sample 1
Mode 19 Co-location	2400-2483.5	5	802.11g	01	2412	6Mbps	Sample 1
	2400-2483.5	5	Bluetooth-LE	38	2478	2Mbps	Sample 1
Mode 20 Co-location	2400-2483.5	5	802.11g	01	2412	6Mbps	Sample 1
	WWAN	0	LTE	B13 LINK			Sample 1
Mode 21	2400-2483.5	5	802.11g	01	2412	MCS0	Sample 2
Mode 22	2400-2483.5	5	802.11g	01	2412	MCS0	Sample 3

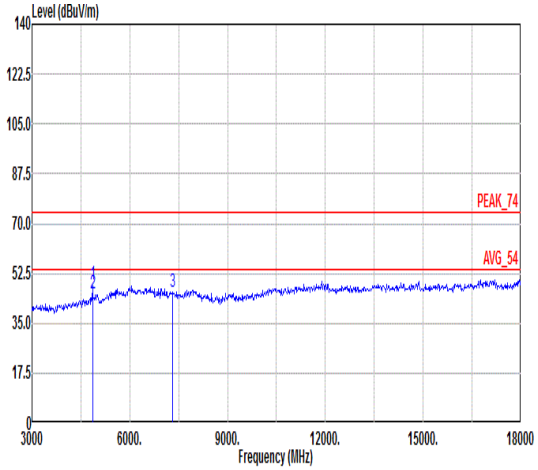
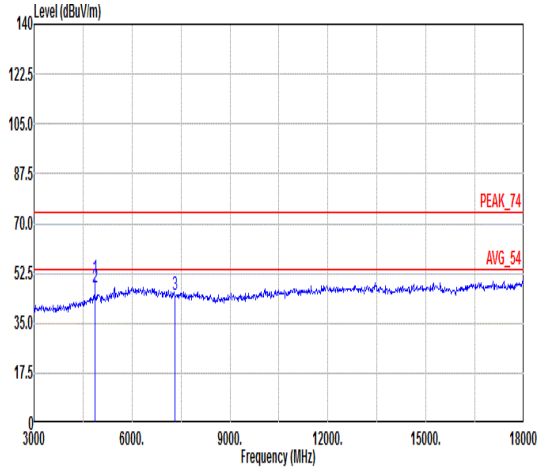
Summary of each worse mode

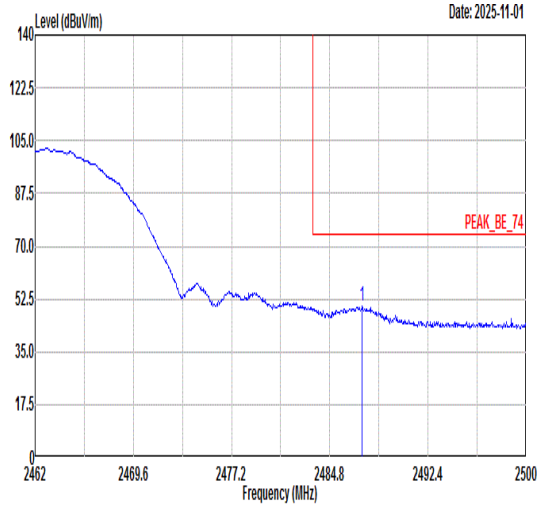
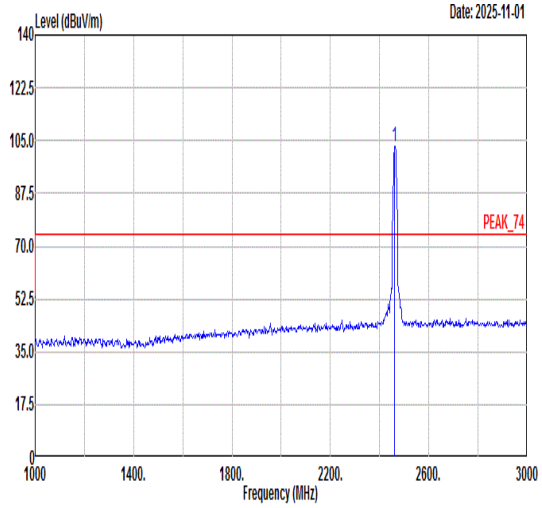
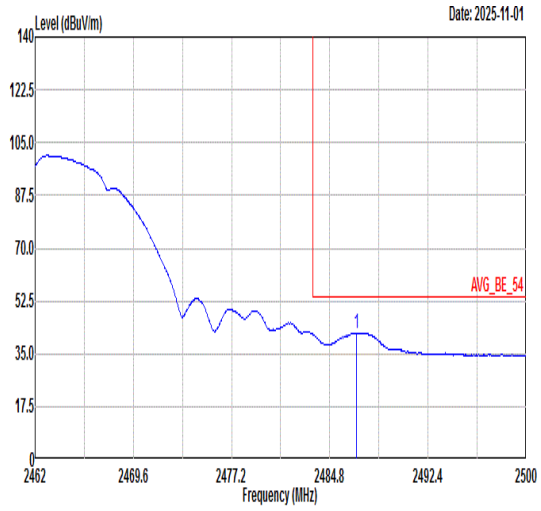
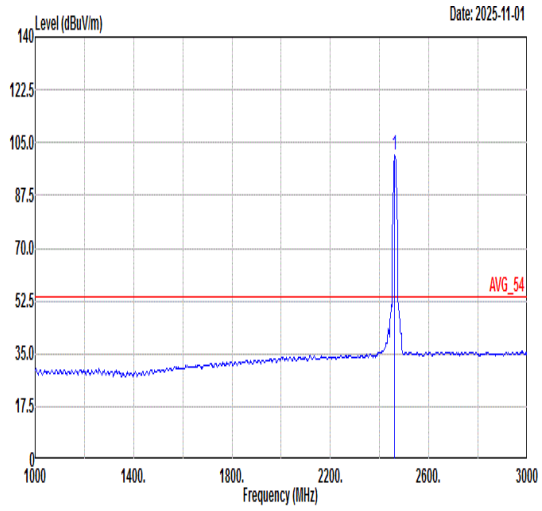
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11b	01	2387.48	39.16	54.00	-14.84	H	AVERAGE	Pass	Band Edge
1	802.11b	01	4824.00	47.38	54.00	-6.62	V	Average	Pass	Harmonic
2	802.11b	06	-	-	-	-	-	-	-	Band Edge
2	802.11b	06	4874.00	47.37	54.00	-6.63	V	Average	Pass	Harmonic
3	802.11b	11	2486.85	41.94	54.00	-12.06	H	AVERAGE	Pass	Band Edge
3	802.11b	11	4924.00	45.16	54.00	-8.84	V	Average	Pass	Harmonic
4	802.11g	01	2389.95	50.75	54.00	-3.25	H	AVERAGE	Pass	Band Edge
4	802.11g	01	4824.00	44.32	74.00	-29.68	V	Peak	Pass	Harmonic
5	802.11g	06	2389.76	40.05	54.00	-13.95	H	AVERAGE	Pass	Band Edge
5	802.11g	06	7311.00	45.60	74.00	-28.40	H	Peak	Pass	Harmonic
6	802.11g	11	2483.51	47.60	54.00	-6.40	H	AVERAGE	Pass	Band Edge
6	802.11g	11	7386.00	45.61	74.00	-28.39	V	Peak	Pass	Harmonic
7	802.11n HT20	01	2389.95	45.79	54.00	-8.21	H	AVERAGE	Pass	Band Edge
7	802.11n HT20	01	4824.00	43.29	74.00	-30.71	H	Peak	Pass	Harmonic
8	802.11n HT20	06	2484.44	43.03	54.00	-10.97	H	AVERAGE	Pass	Band Edge
8	802.11n HT20	06	7311.00	45.36	74.00	-28.64	V	Peak	Pass	Harmonic
9	802.11n HT20	11	2484.04	49.29	54.00	-4.71	H	AVERAGE	Pass	Band Edge
9	802.11n HT20	11	7386.00	44.92	74.00	-29.08	H	Peak	Pass	Harmonic
10	802.11n HT40	03	2389.97	50.38	54.00	-3.62	H	AVERAGE	Pass	Band Edge
	802.11n HT40	03	7266.00	44.91	74.00	-29.09	H	Peak	Pass	Harmonic
11	802.11n HT40	09	2486.22	49.91	54.00	-4.09	H	AVERAGE	Pass	Band Edge
	802.11n HT40	09	-	-	-	-	-	-	-	Harmonic
12	802.11n HT20	01	946.65	30.82	46	-15.18	V	Peak	Pass	LF
13	802.11g	10	2484.05	47.53	54.00	-6.47	H	AVERAGE	Pass	Band Edge
	802.11g	10	-	-	-	-	-	-	-	Harmonic
14	802.11n HT20	02	2389.82	49.61	54.00	-4.39	H	AVERAGE	Pass	Band Edge
	802.11n HT20	02	-	-	-	-	-	-	-	Harmonic
15	802.11n HT20	10	2484.13	47.50	54.00	-6.50	H	AVERAGE	Pass	Band Edge
	802.11n HT20	10	-	-	-	-	-	-	-	Harmonic
16	802.11n HT40	06	2389.76	49.37	54.00	-4.63	H	AVERAGE	Pass	Band Edge
	802.11n HT40	06	-	-	-	-	-	-	-	Harmonic
17	802.11n HT40	08	2484.30	49.83	54.00	-4.17	H	AVERAGE	Pass	Band Edge
	802.11n HT40	08	-	-	-	-	-	-	-	Harmonic
18	802.11n HT40	07	2483.56	50.24	54.00	-3.76	H	AVERAGE	Pass	Band Edge
	802.11n HT40	07	-	-	-	-	-	-	-	Harmonic
19	802.11g	01	2389.69	50.75	54.00	-3.25	H	AVERAGE	Pass	Band Edge
	802.11g	01	4824.00	44.37	74.00	-29.63	V	Peak	Pass	Harmonic
20	802.11g	01	2389.82	49.91	54.00	-4.09	H	AVERAGE	Pass	Band Edge
	802.11g	01	4824.00	43.56	74.00	-30.44	V	Peak	Pass	Harmonic
21	802.11g	01	2389.82	50.15	54.00	-3.85	H	AVERAGE	Pass	Band Edge
21	802.11g	01	4824.00	45.35	74.00	-28.65	H	Peak	Pass	Harmonic
22	802.11g	01	2389.95	50.74	54.00	-3.26	H	AVERAGE	Pass	Band Edge
22	802.11g	01	4824.00	44.13	74.00	-29.87	V	Peak	Pass	Harmonic

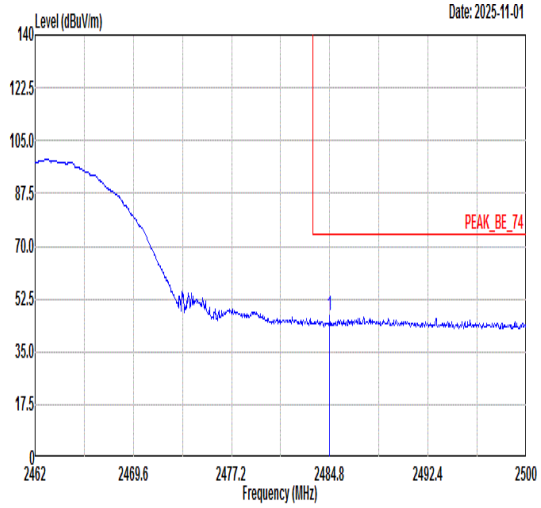
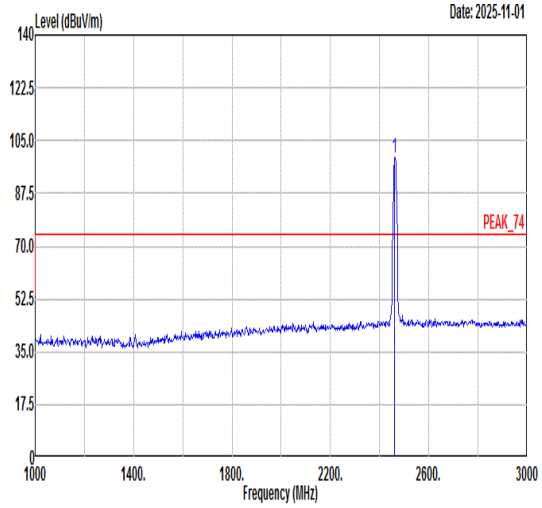
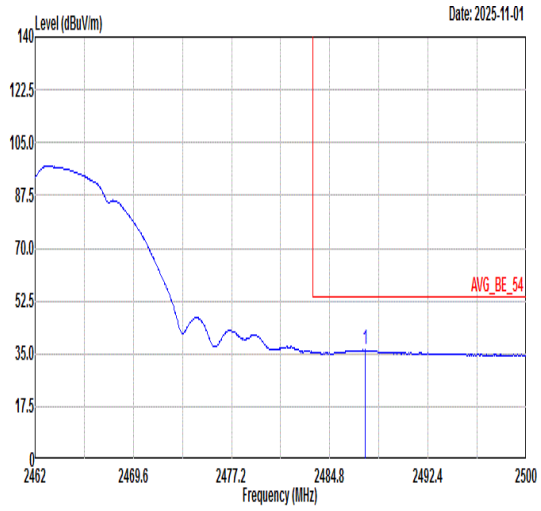
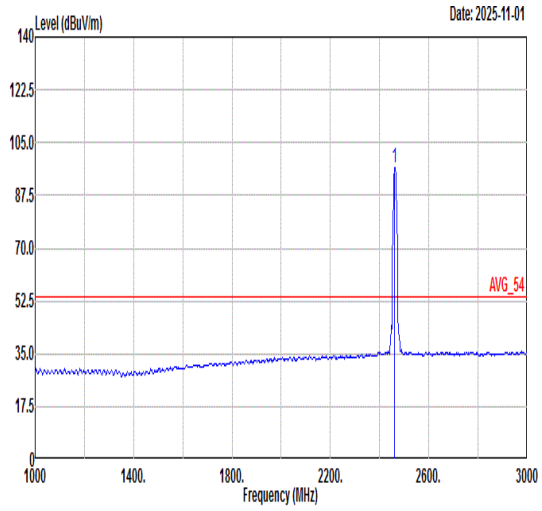
Mode	1	
	Band Edge	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2387.48 48.00 74.00 -26.00 44.37 32.42 5.36 34.15 400 145 PEAK	 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 2412.00 104.82 ------ ------ 101.12 32.46 5.38 34.14 400 145 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 2387.48 39.16 54.00 -14.84 35.53 32.42 5.36 34.15 400 145 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 2412.00 102.44 ------ ------ 98.74 32.46 5.38 34.14 400 145 AVERAGE

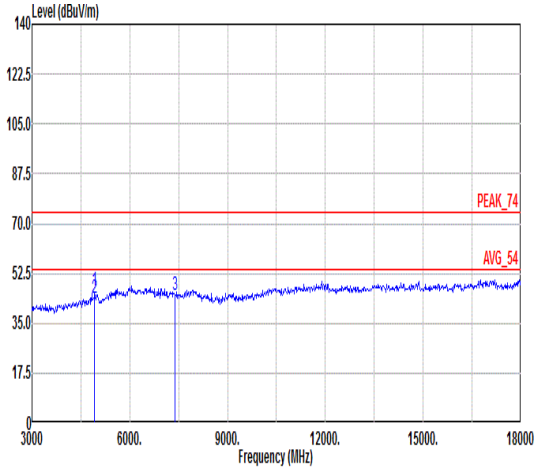
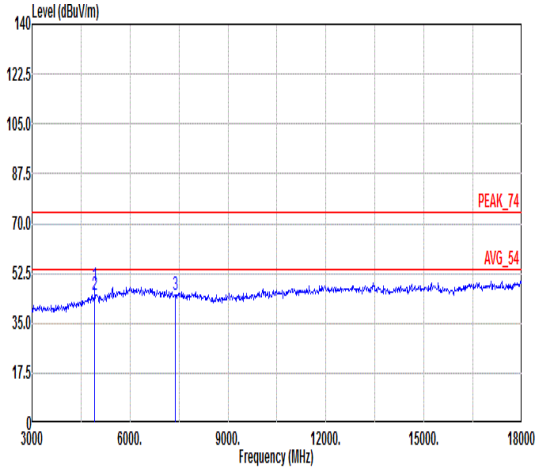
Mode	1	
	Band Edge	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2386.05 45.95 74.00 -28.05 42.32 32.42 5.36 34.15 300 112 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 96.06 ------ ------ 92.36 32.46 5.38 34.14 300 112 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2387.48 37.04 54.00 -16.96 33.41 32.42 5.36 34.15 300 112 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 93.62 ------ ------ 89.92 32.46 5.38 34.14 300 112 AVERAGE

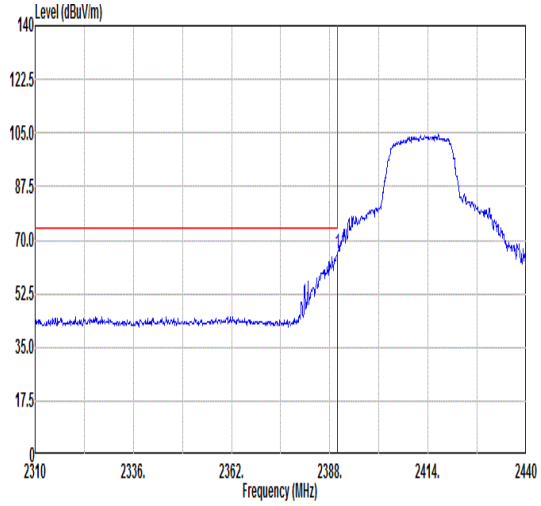
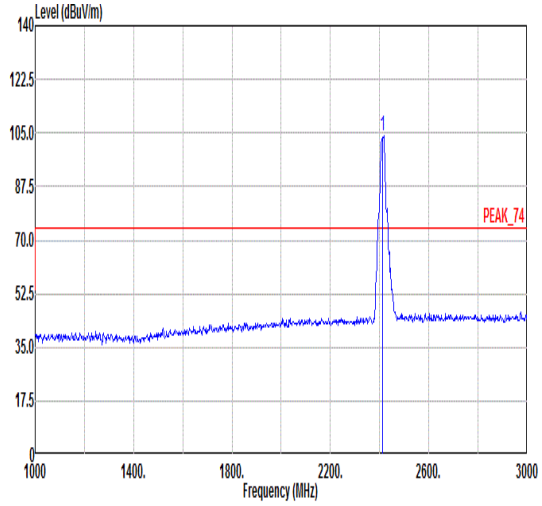
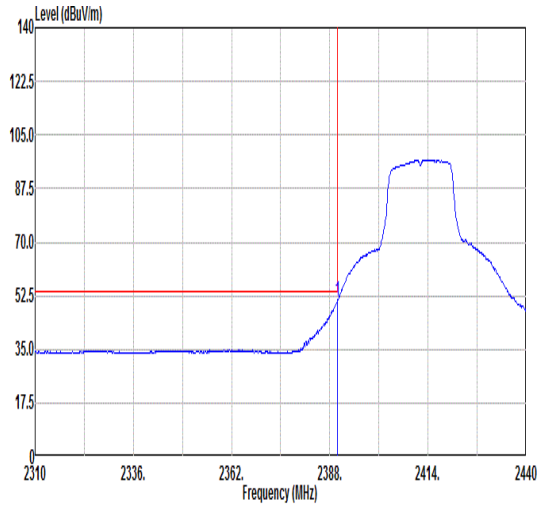
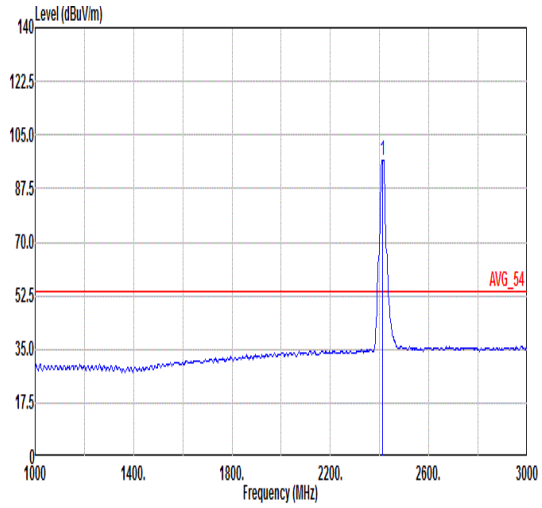
Mode	1	
	Harmonic	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	5	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 46.60 74.00 -27.40 55.46 35.02 8.88 52.76 267 70 Peak 2 4824.00 46.31 54.00 -7.69 55.17 35.02 8.88 52.76 267 70 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 51.09 74.00 -22.91 59.95 35.02 8.88 52.76 345 336 Peak 2 4824.00 47.38 54.00 -6.62 56.24 35.02 8.88 52.76 345 336 Average

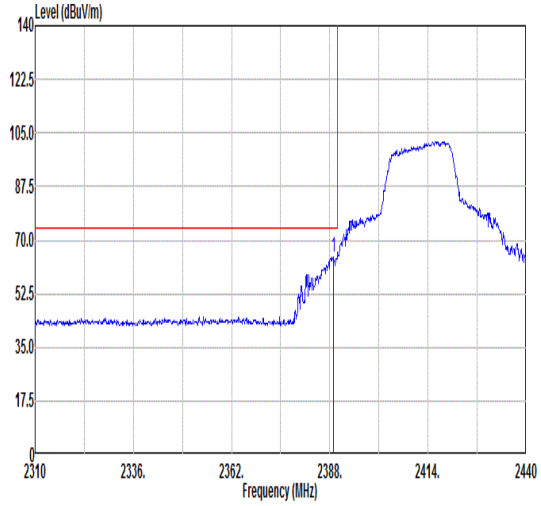
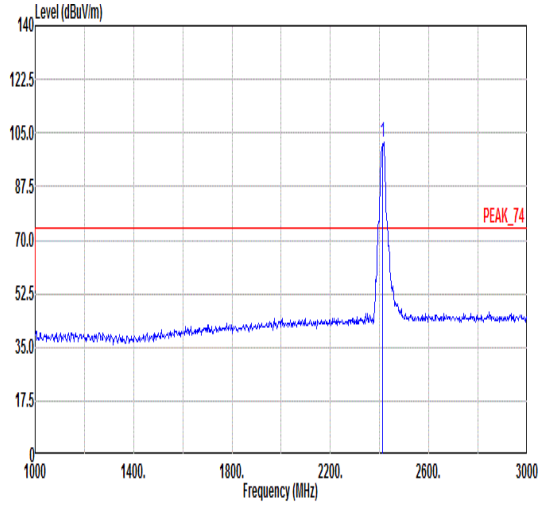
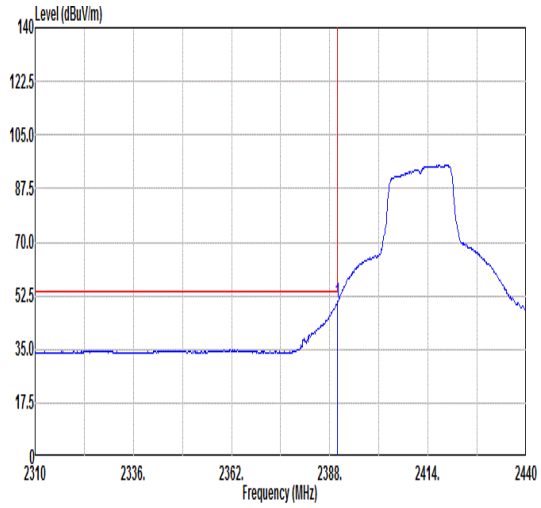
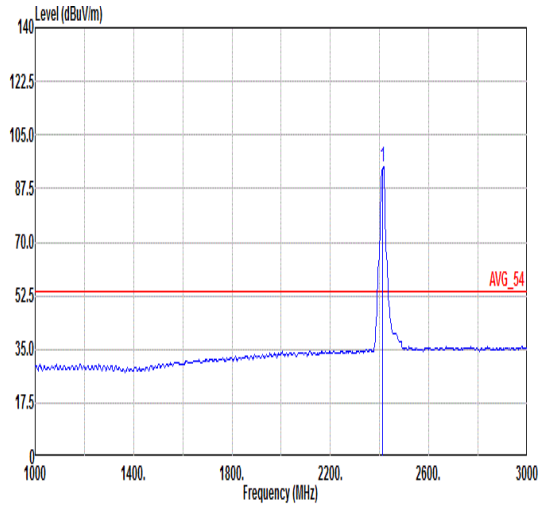
Mode	2	
	Harmonic	
	2400-2483.5_802.11b_CH06_2437MHz	
ANT	5	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 48.59 74.00 -25.41 57.40 35.07 8.72 52.60 276 70 Peak 2 4874.00 45.43 54.00 -8.57 54.24 35.07 8.72 52.60 276 70 Average 3 7311.00 45.78 74.00 -28.22 51.80 36.10 10.18 52.30 --- --- 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 4874.00 50.58 74.00 -23.42 59.39 35.07 8.72 52.60 349 358 Peak 2 4874.00 47.37 54.00 -6.63 56.18 35.07 8.72 52.60 349 358 Average 3 7311.00 44.65 74.00 -29.35 50.67 36.10 10.18 52.30 --- --- Peak

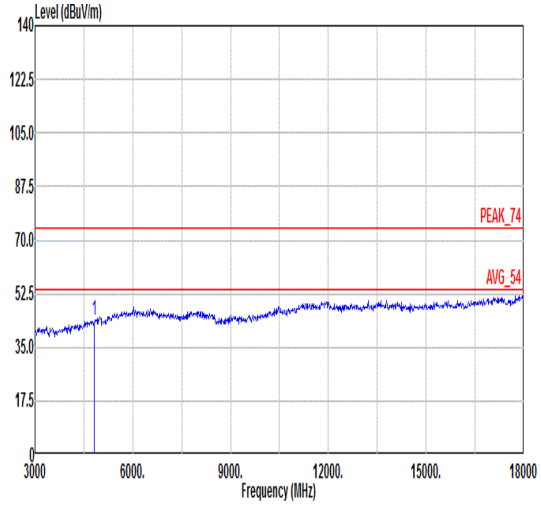
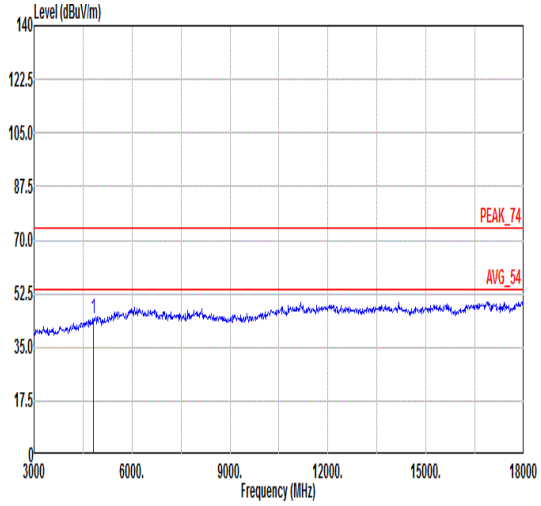
Mode	3	
	Band Edge	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2487.31 49.99 74.00 -24.01 45.59 32.58 5.93 34.11 200 29 PEAK	 Freq 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 2462.00 102.88 ------ ------ 98.78 32.54 5.68 34.12 200 29 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 2486.85 41.94 54.00 -12.06 37.54 32.58 5.93 34.11 200 29 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 2462.00 100.66 ------ ------ 96.56 32.54 5.68 34.12 200 29 AVERAGE

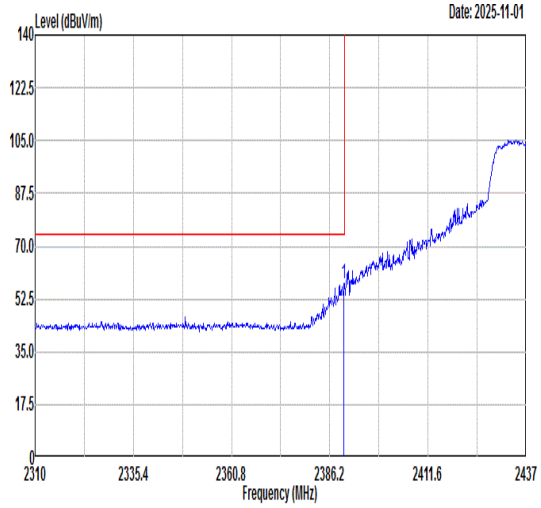
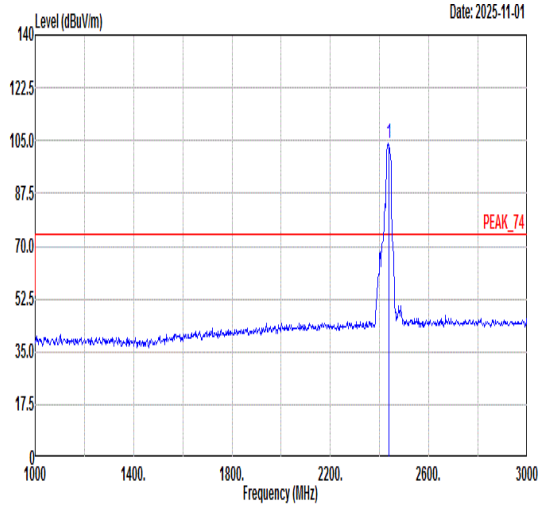
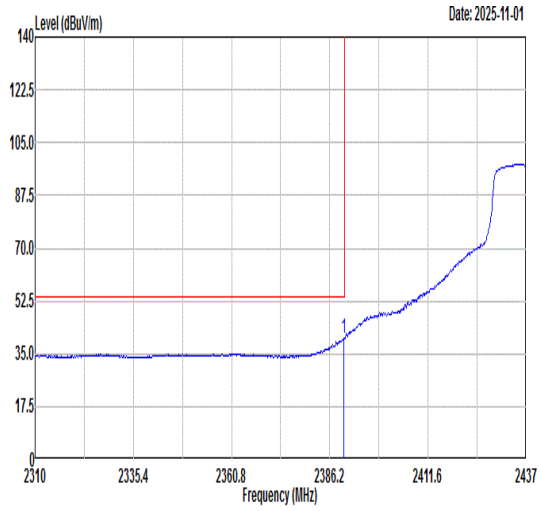
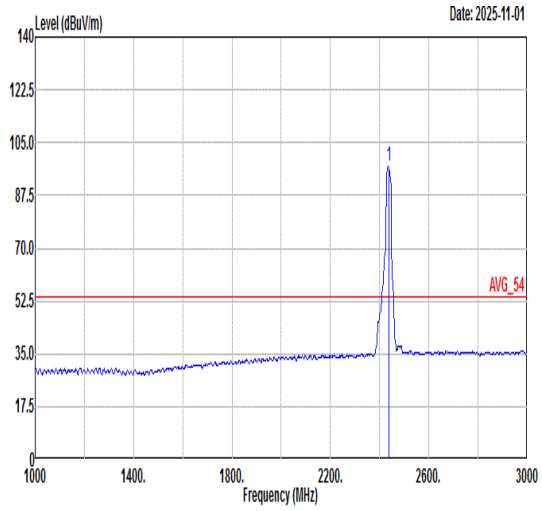
Mode	3	
	Band Edge	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.80 46.79 74.00 -27.21 42.38 32.58 5.94 34.11 300 112 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 99.33 ------ ------ 95.20 32.54 5.70 34.11 300 112 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2487.54 36.21 54.00 -17.79 31.80 32.58 5.93 34.10 300 112 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 96.78 ------ ------ 92.65 32.54 5.70 34.11 300 112 AVERAGE

Mode	3	
	Harmonic	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	5	
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 46.57 74.00 -27.43 55.32 35.12 8.57 52.44 270 66 Peak 2 4924.00 43.69 54.00 -10.31 52.44 35.12 8.57 52.44 270 66 Average 3 7386.00 44.71 74.00 -29.29 50.73 36.10 10.18 52.30 --- --- 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 4924.00 47.86 74.00 -26.14 56.61 35.12 8.57 52.44 346 314 Peak 2 4924.00 45.16 54.00 -8.84 53.91 35.12 8.57 52.44 346 314 Average 3 7386.00 45.05 74.00 -28.95 51.07 36.10 10.18 52.30 --- --- Peak

Mode	4	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	5	
Pol.	Horizontal	Fundamental
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 2389.95 65.66 74.00 -8.34 62.02 32.42 5.36 34.14 392 159 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 2412.00 104.29 ------ ------ 100.56 32.47 5.39 34.13 392 159 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 2389.95 50.75 54.00 -3.25 47.11 32.42 5.36 34.14 392 159 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 2412.00 96.74 ------ ------ 93.04 32.46 5.38 34.14 392 159 AVERAGE

Mode	4	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	5	
Pol.	Vertical	Fundamental
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 2388.91 64.67 74.00 -9.33 61.03 32.42 5.36 34.14 211 107 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 2412.00 101.77 ------ ------ 98.04 32.47 5.39 34.13 211 107 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 2389.95 50.37 54.00 -3.63 46.73 32.42 5.36 34.14 211 107 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 2412.00 94.41 ------ ------ 90.69 32.47 5.38 34.13 211 107 AVERAGE

Mode	4	
	Harmonic	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	5	
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 43.89 74.00 -30.11 52.75 35.02 8.88 52.76 --- --- 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 4824.00 44.32 74.00 -29.68 53.18 35.02 8.88 52.76 --- --- Peak

Mode	5	
	Band Edge - L	
	2400-2483.5_802.11g_CH06_2437MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.88 57.75 74.00 -16.25 54.11 32.42 5.36 34.14 400 154 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 104.13 ------ ------ 100.35 32.50 5.41 34.13 400 154 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.76 40.05 54.00 -13.95 36.41 32.42 5.36 34.14 400 154 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 97.19 ------ ------ 93.41 32.50 5.41 34.13 400 154 AVERAGE

Mode	5	
	Band Edge - R	
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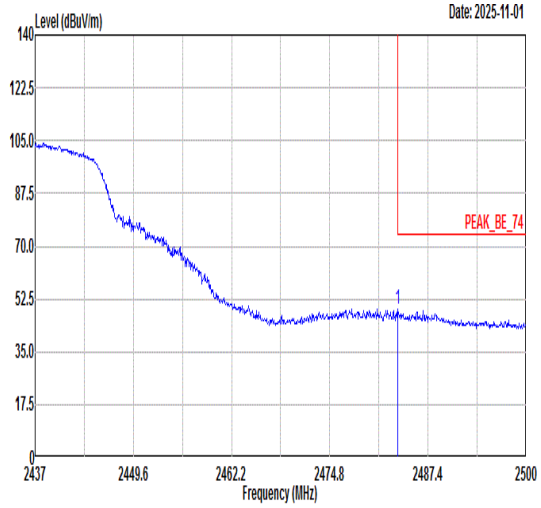
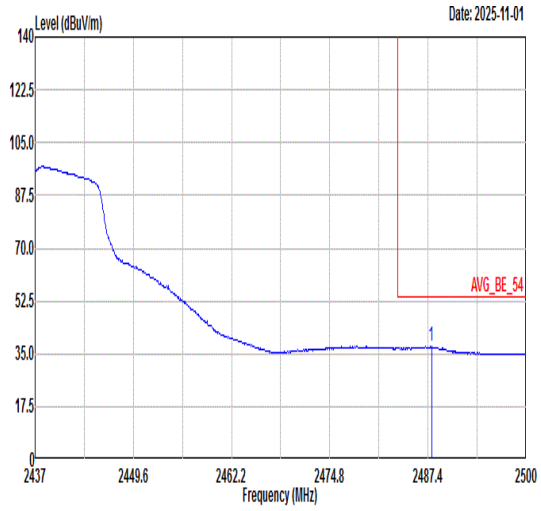
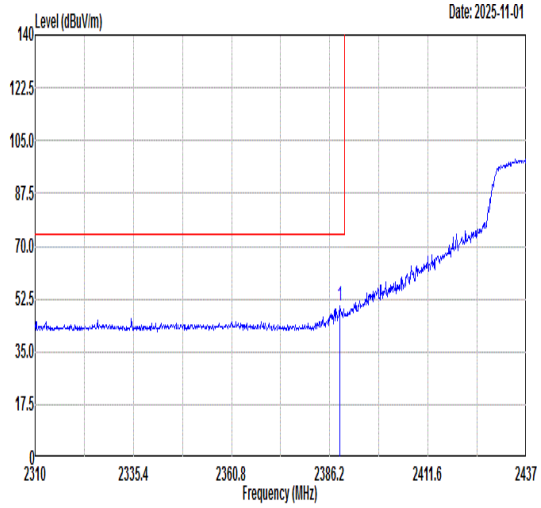
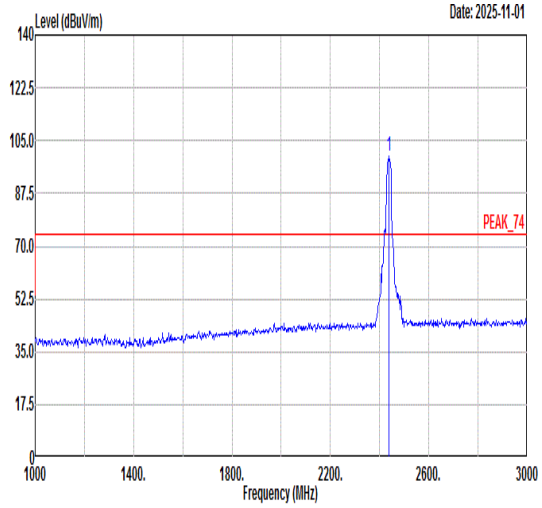
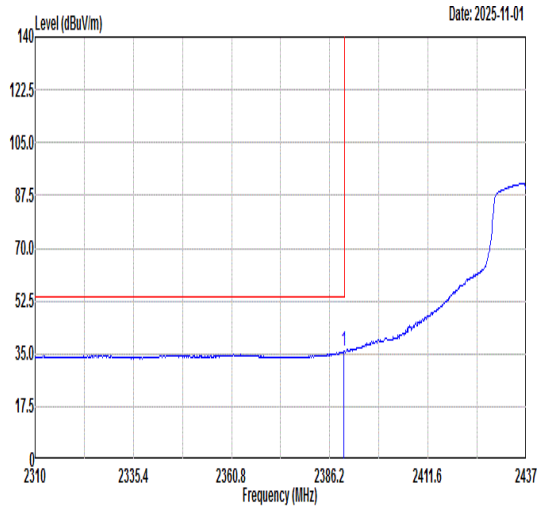
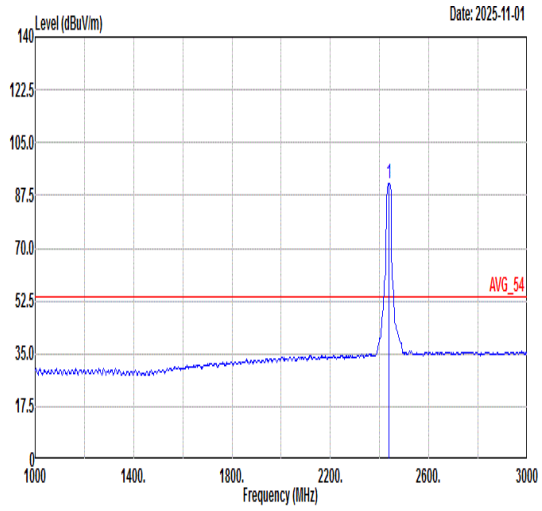
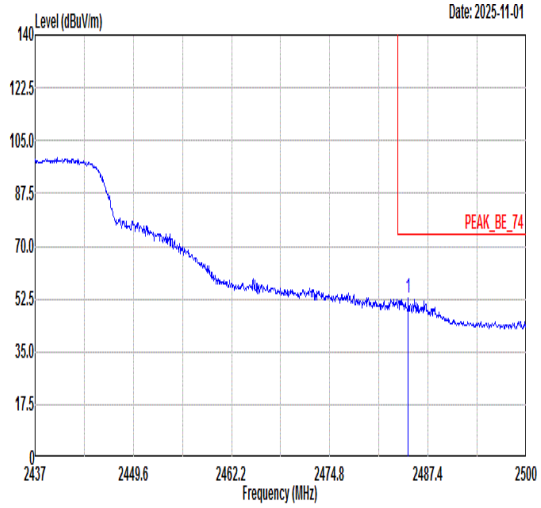
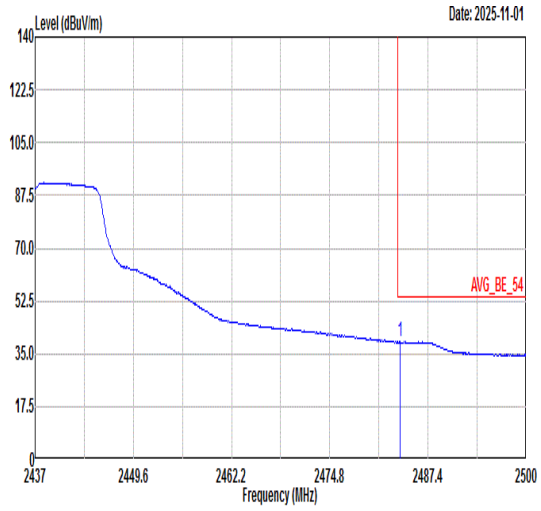
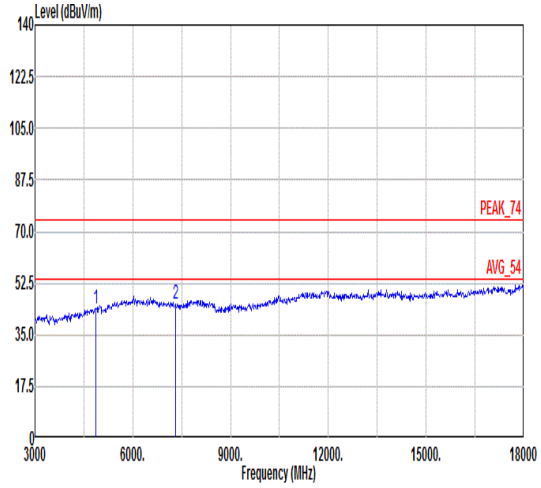
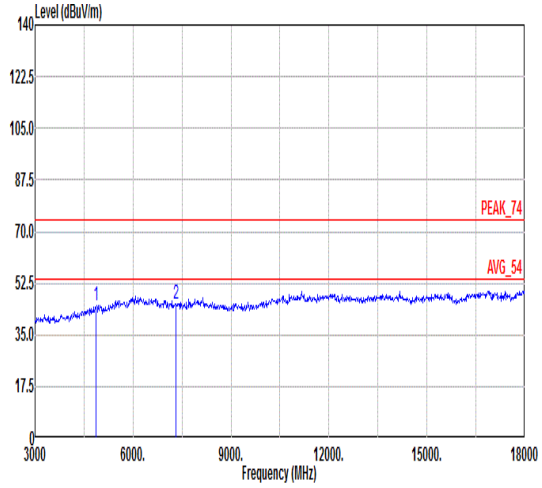
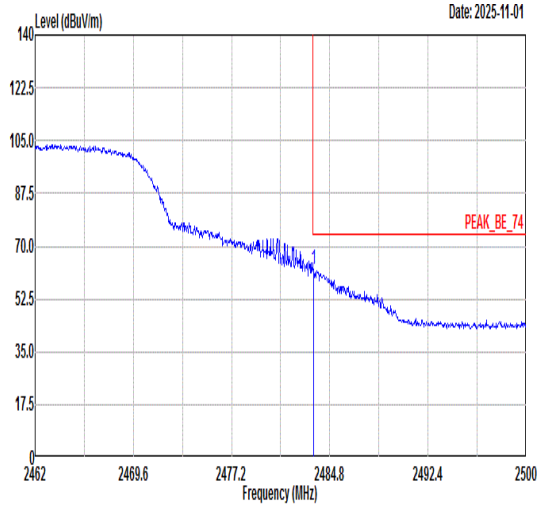
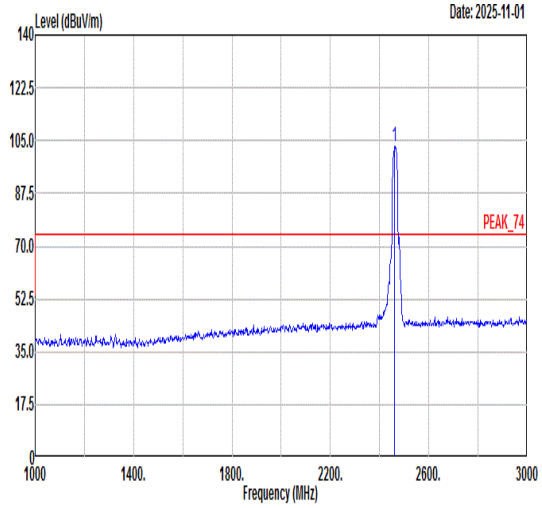
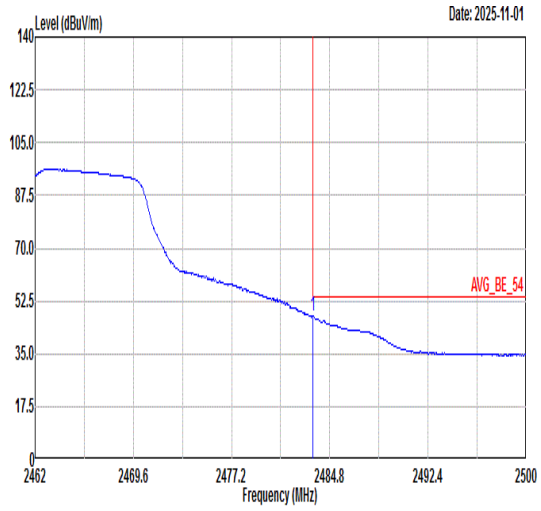
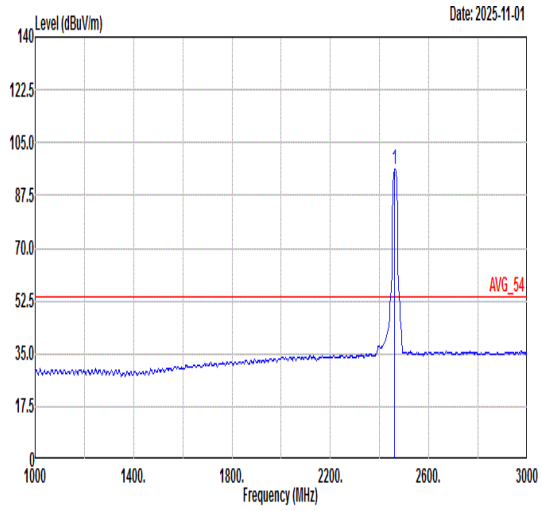
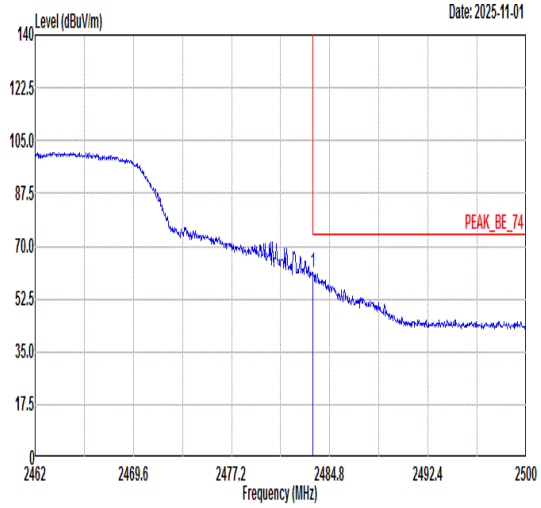
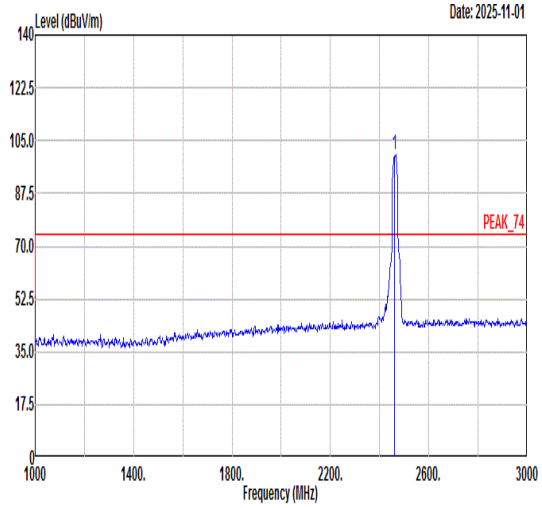
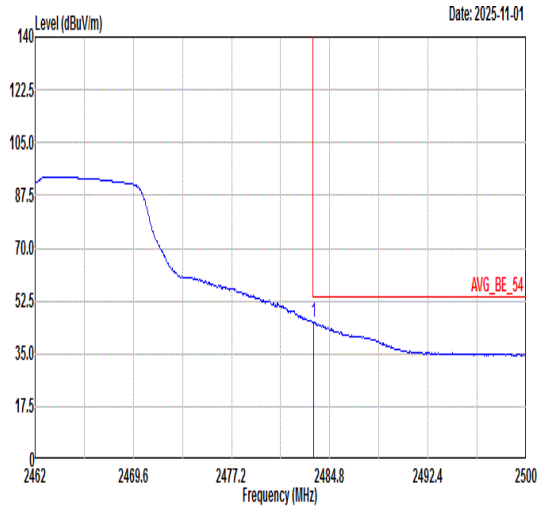
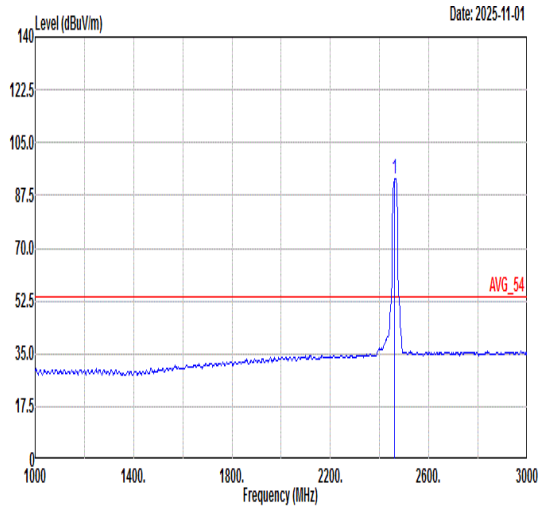
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.56 49.18 74.00 -24.82 44.77 32.57 5.95 34.11 400 154 PEAK	Blank
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2487.84 37.34 54.00 -16.66 32.93 32.58 5.93 34.10 400 154 AVERAGE	Blank

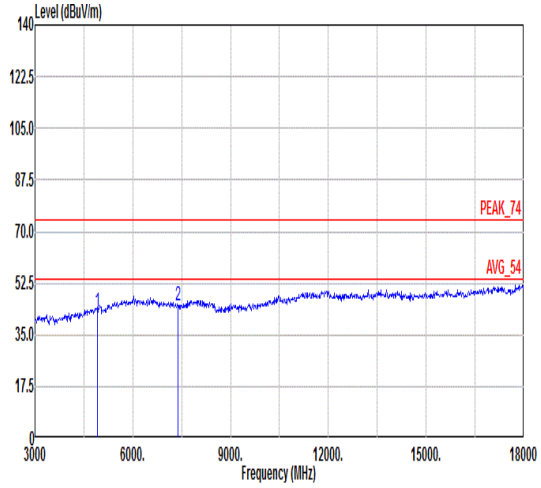
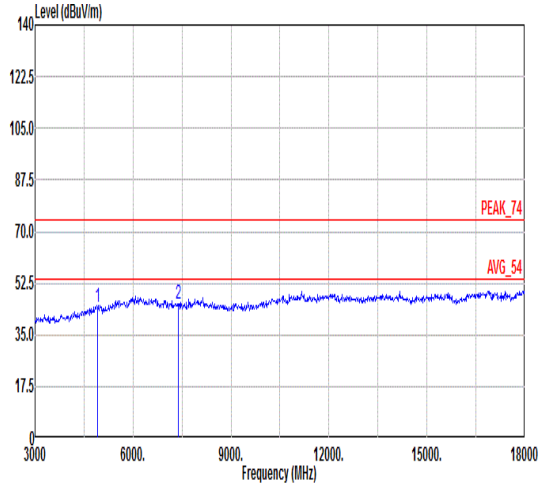
Mode	5	
	Band Edge - L	
	2400-2483.5_802.11g_CH06_2437MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2388.74 50.35 74.00 -23.65 46.71 32.42 5.36 34.14 261 0 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 99.85 ------ ------ 96.06 32.50 5.41 34.12 261 0 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.88 35.73 54.00 -18.27 32.09 32.42 5.36 34.14 261 0 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 91.64 ------ ------ 87.85 32.50 5.41 34.12 261 0 AVERAGE

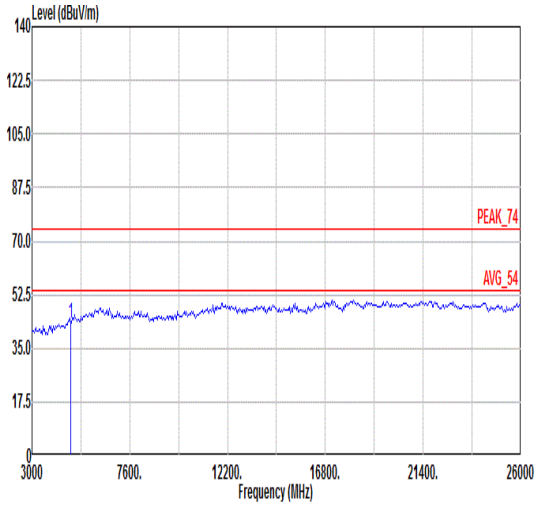
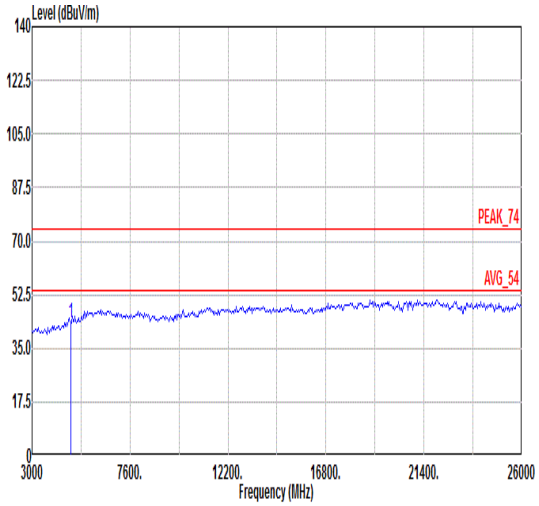
Mode	5	
	Band Edge - R	
	2400-2483.5_802.11g_CH06_2437MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.88 52.60 74.00 -21.40 48.19 32.58 5.94 34.11 261 0 PEAK	Blank
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 2483.81 38.95 54.00 -15.05 34.54 32.57 5.95 34.11 261 0 AVERAGE	Blank

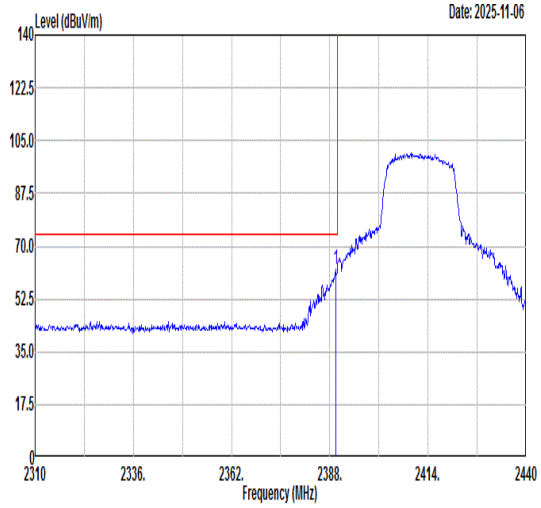
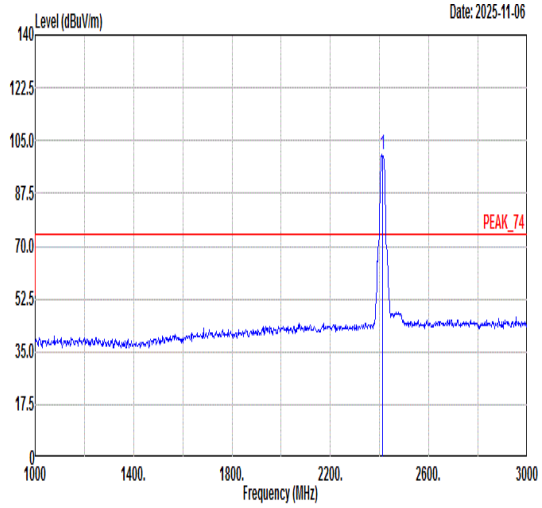
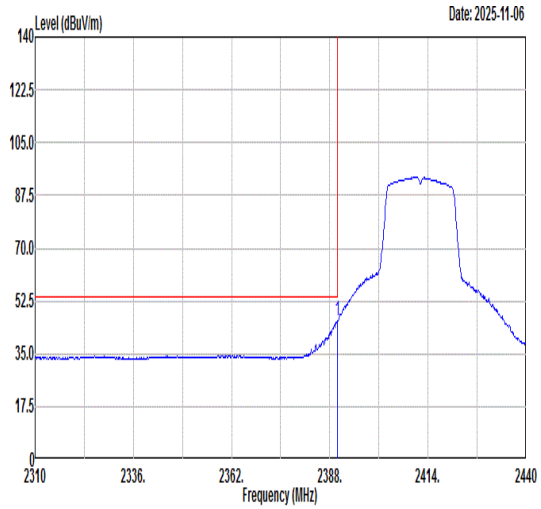
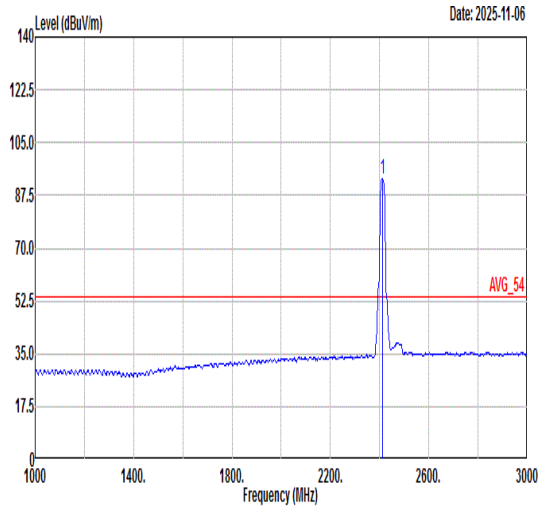
Mode	5	
	Harmonic	
	2400-2483.5_802.11g_CH06_2437MHz	
ANT	5	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 43.90 74.00 -30.10 52.71 35.07 8.72 52.60 --- --- Peak 2 7311.00 45.60 74.00 -28.40 51.62 36.10 10.18 52.30 --- --- 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 4874.00 44.78 74.00 -29.22 53.59 35.07 8.72 52.60 --- --- Peak 2 7311.00 45.18 74.00 -28.82 51.20 36.10 10.18 52.30 --- --- Peak

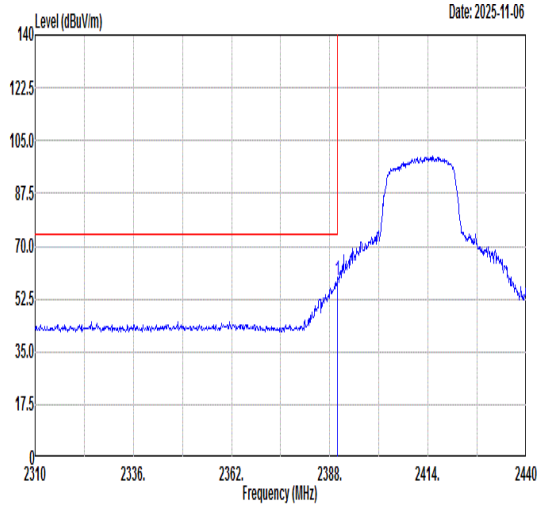
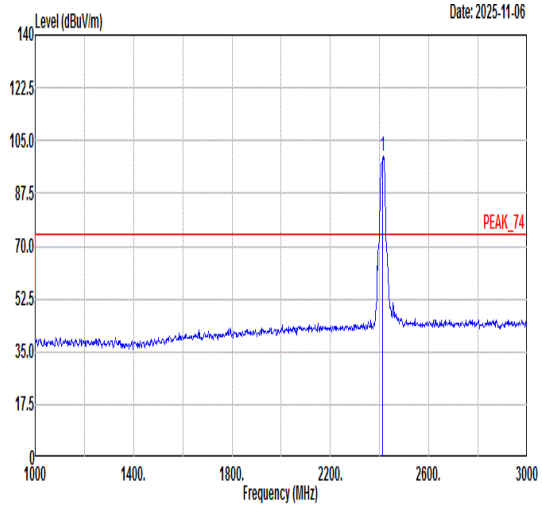
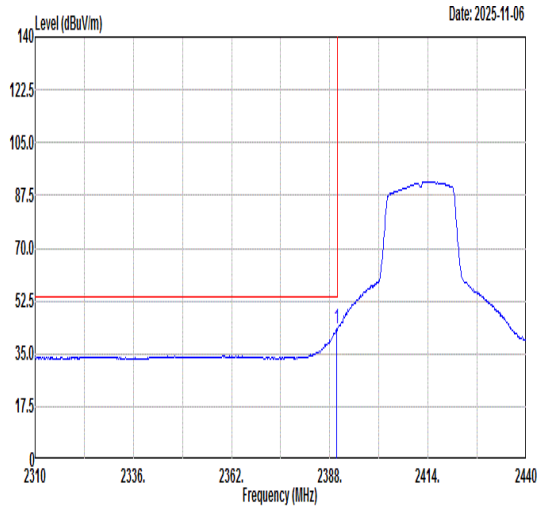
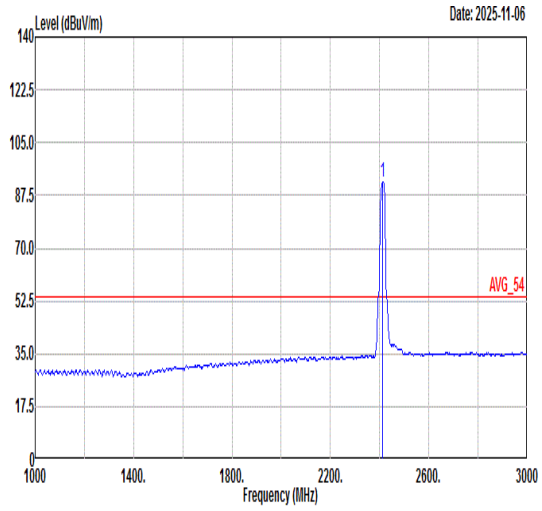
Mode	6	
	Band Edge	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.55 62.46 74.00 -11.54 58.05 32.57 5.95 34.11 100 155 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 103.03 ------ ------ 98.93 32.54 5.68 34.12 100 155 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.51 47.60 54.00 -6.40 43.19 32.57 5.95 34.11 100 155 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 96.07 ------ ------ 91.94 32.54 5.70 34.11 100 155 AVERAGE

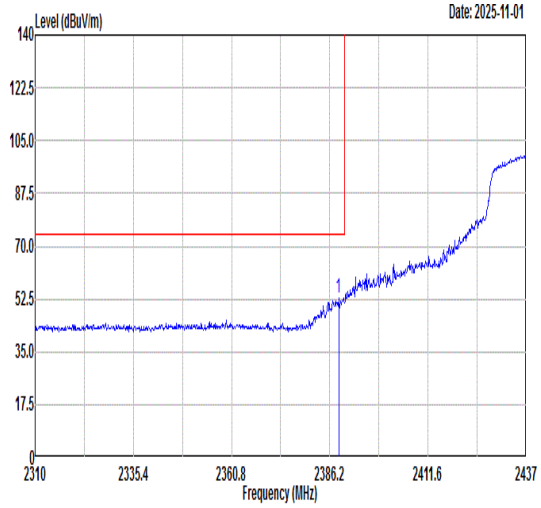
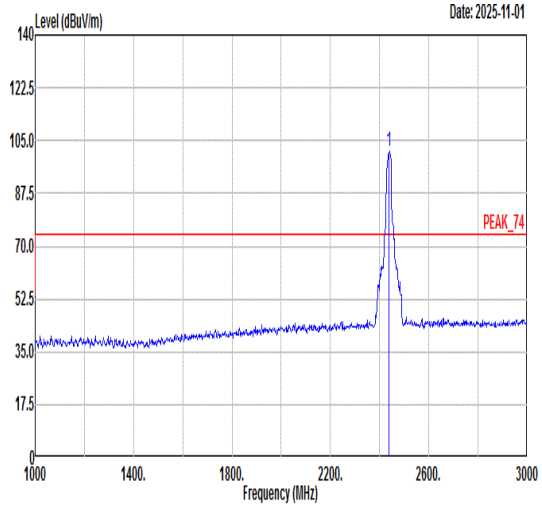
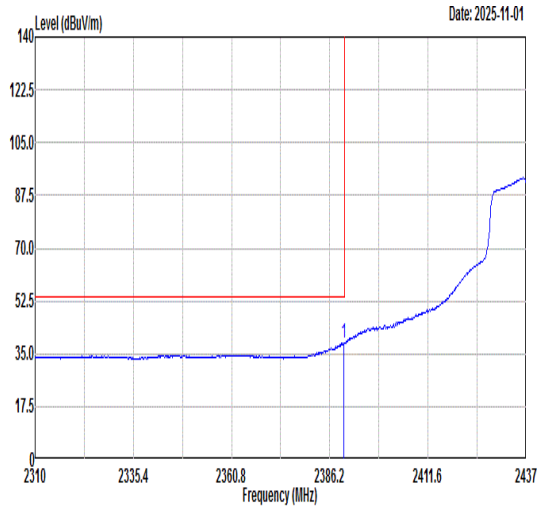
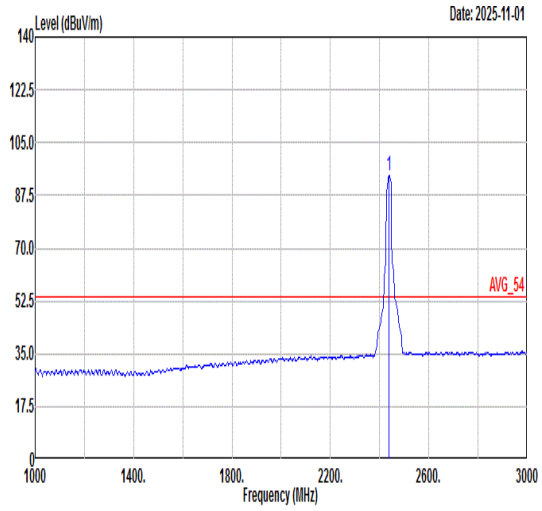
Mode	6	
	Band Edge	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.51 61.19 74.00 -12.81 56.78 32.57 5.95 34.11 195 78 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 100.27 ------ ------ 96.10 32.55 5.73 34.11 195 78 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.55 45.62 54.00 -8.38 41.21 32.57 5.95 34.11 195 78 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 93.20 ------ ------ 89.07 32.54 5.70 34.11 195 78 AVERAGE

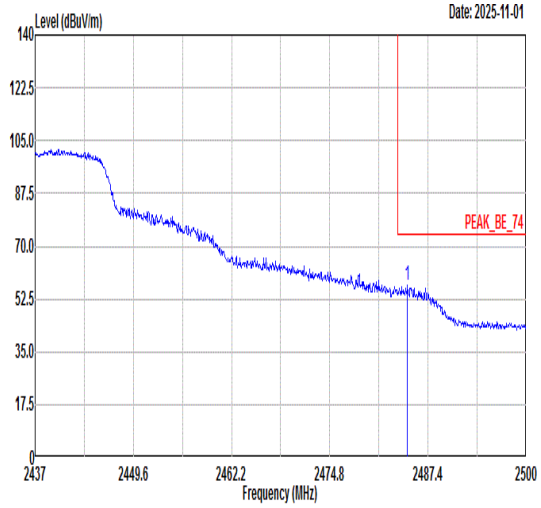
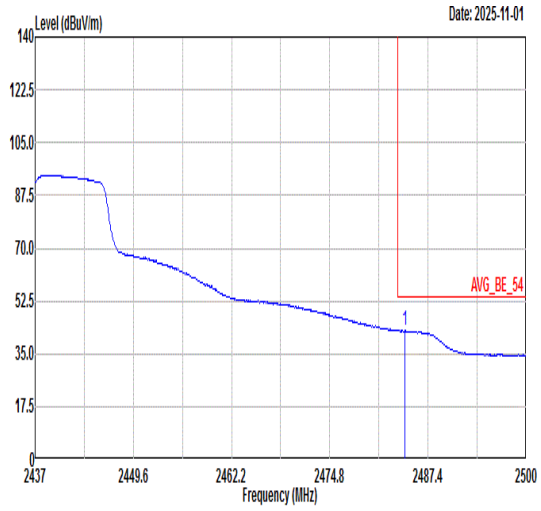
Mode	6	
	Harmonic	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	5	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 42.84 74.00 -31.16 51.59 35.12 8.57 52.44 --- --- Peak 2 7386.00 44.79 74.00 -29.21 50.81 36.10 10.18 52.30 --- --- 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 4924.00 44.21 74.00 -29.79 52.96 35.12 8.57 52.44 --- --- Peak 2 7386.00 45.61 74.00 -28.39 51.63 36.10 10.18 52.30 --- --- Peak

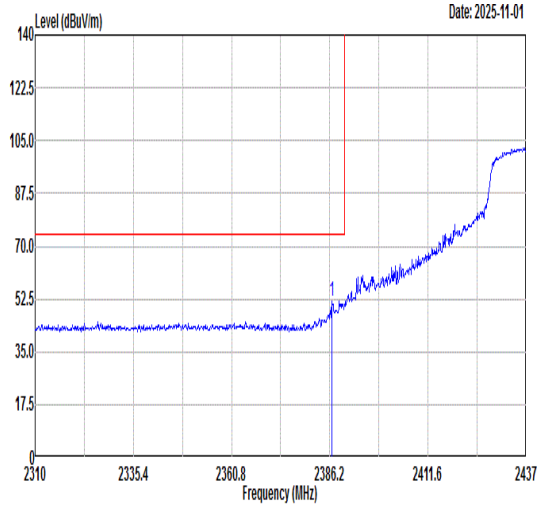
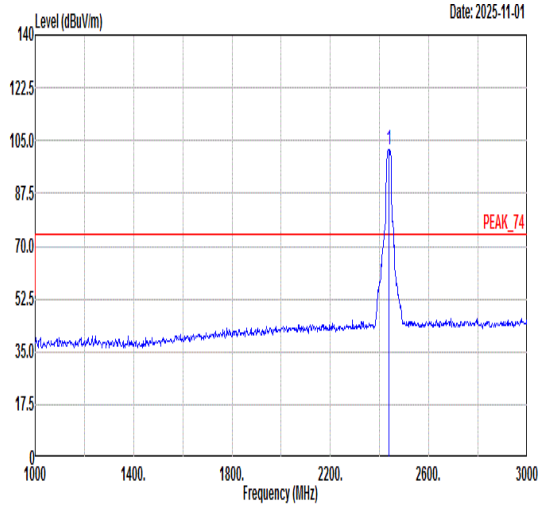
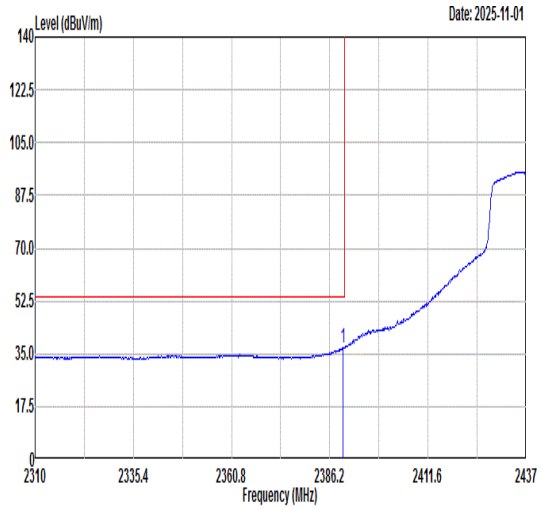
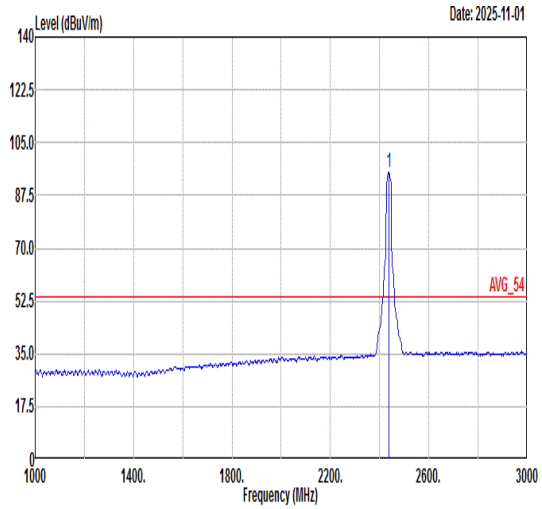
Mode	7	
	Harmonic	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	5	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 43.29 74.00 -30.71 52.15 35.02 8.88 52.76 --- --- Peak	 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 4824.00 43.24 74.00 -30.76 52.10 35.02 8.88 52.76 --- --- Peak

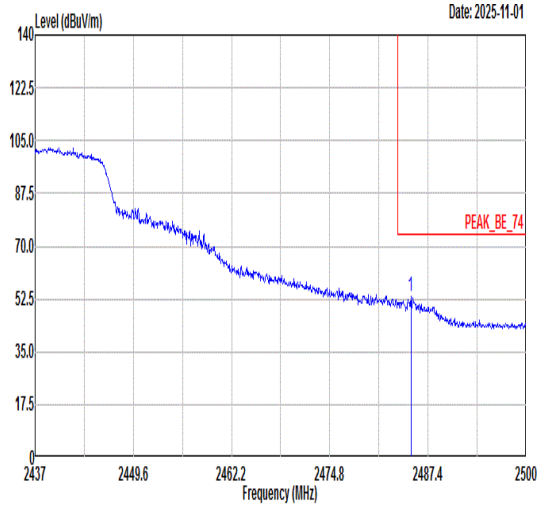
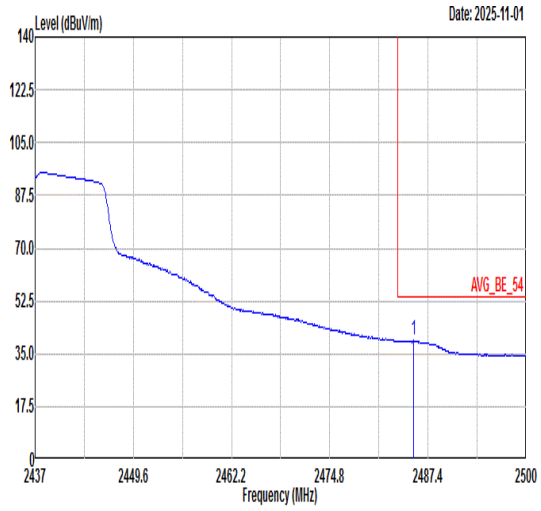
Mode	7	
	Band Edge	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.56 62.08 74.00 -11.92 58.44 32.42 5.36 34.14 367 165 PEAK	 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 2412.00 100.47 ------ ------ 96.77 32.46 5.38 34.14 367 165 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 45.79 54.00 -8.21 42.15 32.42 5.36 34.14 367 165 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 93.09 ------ ------ 89.39 32.46 5.38 34.14 367 165 AVERAGE

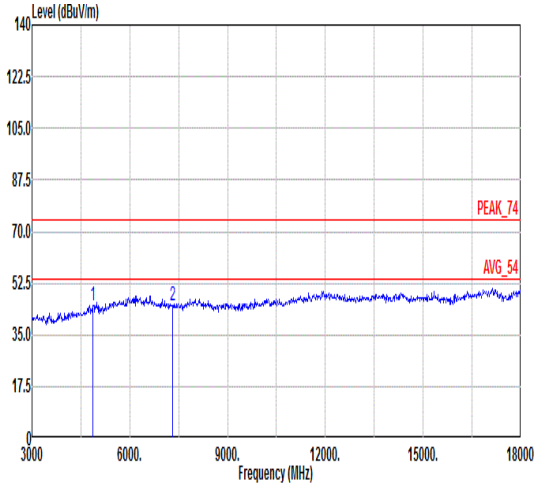
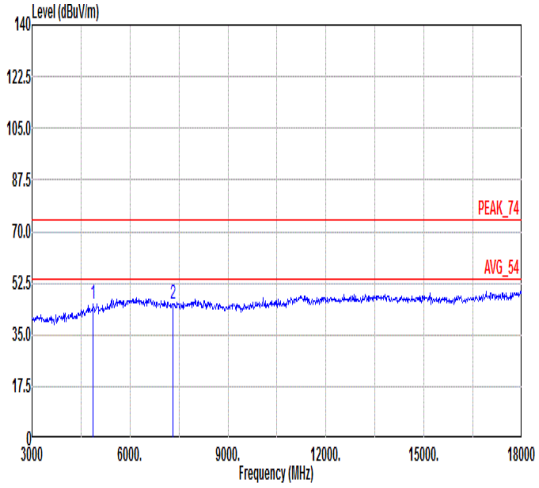
Mode	7	
	Band Edge	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.95 58.42 74.00 -15.58 54.78 32.42 5.36 34.14 303 88 PEAK	 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 99.63 ------ ------ 95.92 32.46 5.38 34.13 303 88 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 2389.82 43.18 54.00 -10.82 39.54 32.42 5.36 34.14 303 88 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 91.98 ------ ------ 88.27 32.46 5.38 34.13 303 88 AVERAGE

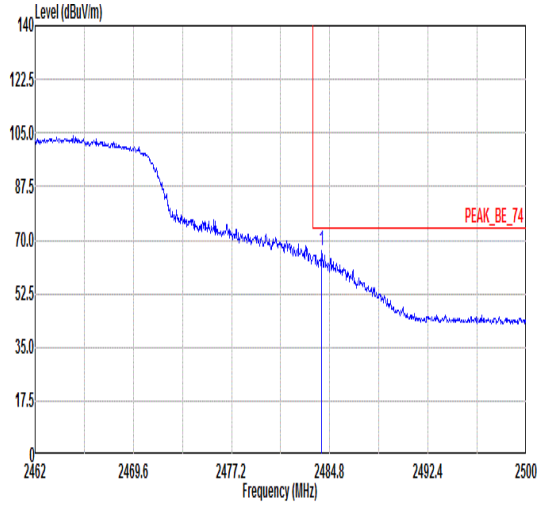
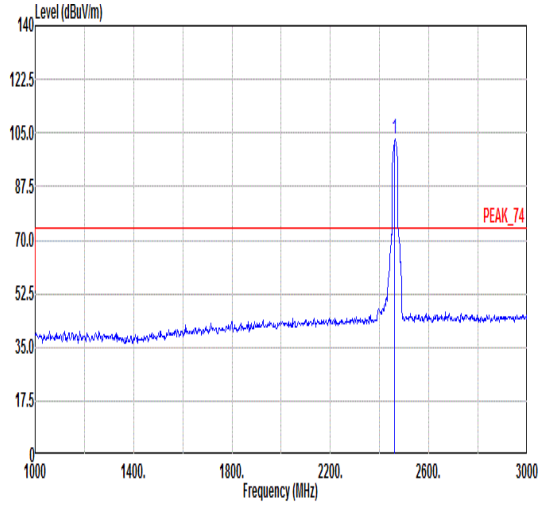
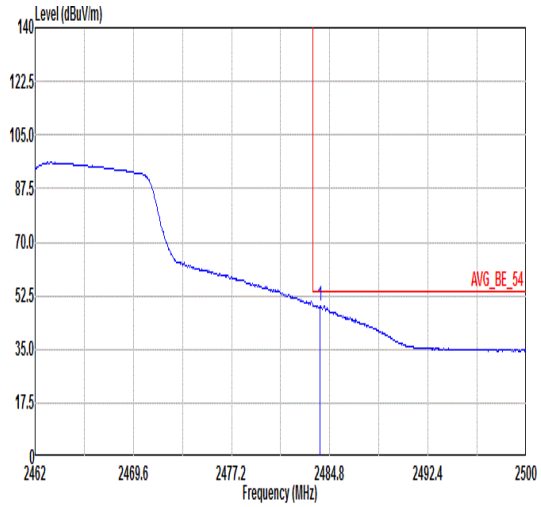
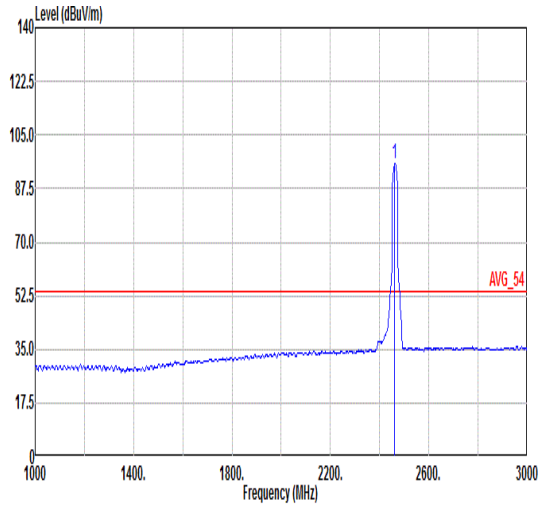
Mode	8	
	Band Edge - L	
	2400-2483.5_802.11n HT20_CH06_2437MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2388.49 52.96 74.00 -21.04 49.32 32.42 5.36 34.14 372 151 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 101.56 ------ ------ 97.76 32.51 5.41 34.12 372 151 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.76 38.42 54.00 -15.58 34.78 32.42 5.36 34.14 372 151 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 94.01 ------ ------ 90.22 32.50 5.41 34.12 372 151 AVERAGE

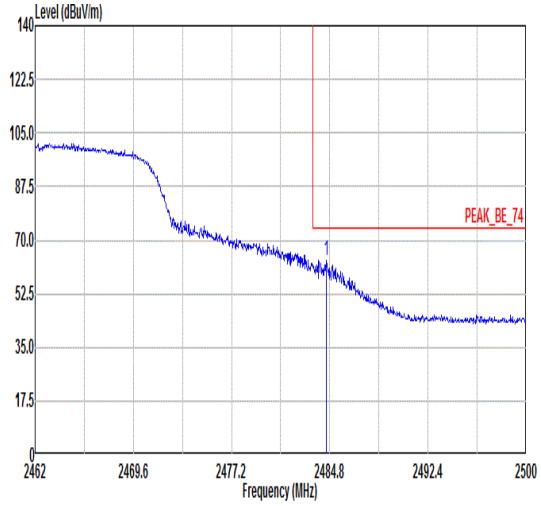
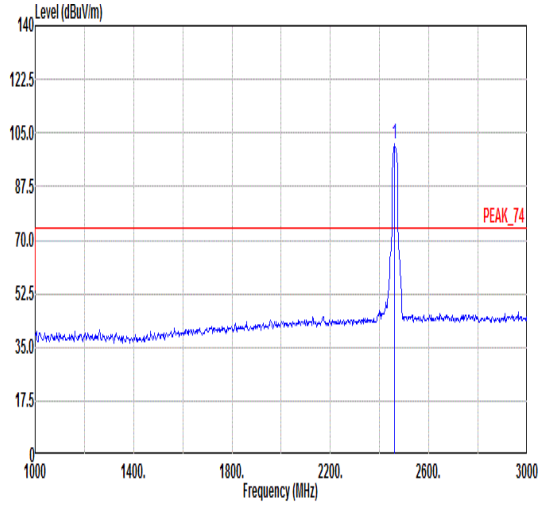
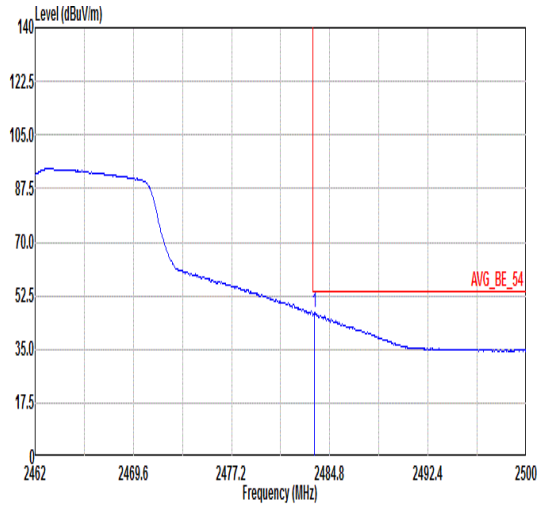
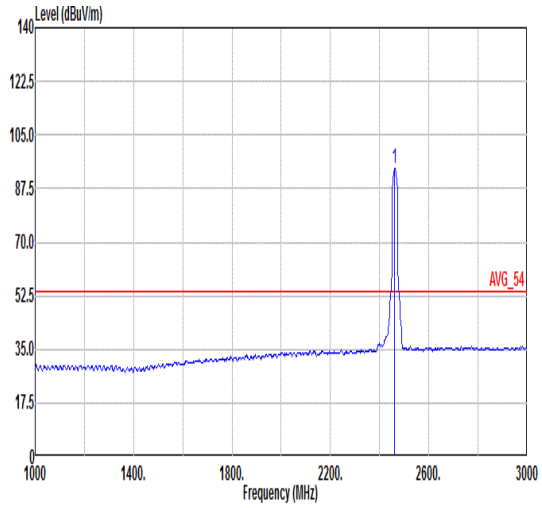
Mode	8	
	Band Edge - R	
	2400-2483.5_802.11n HT20_CH06_2437MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.75 57.16 74.00 -16.84 52.75 32.58 5.94 34.11 372 151 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 2484.44 43.03 54.00 -10.97 38.62 32.58 5.94 34.11 372 151 AVERAGE	Blank

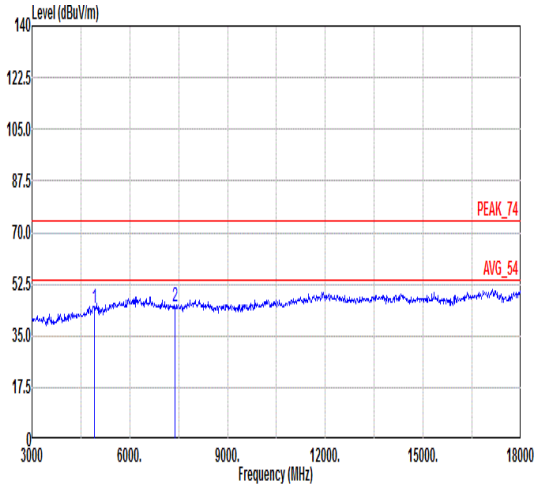
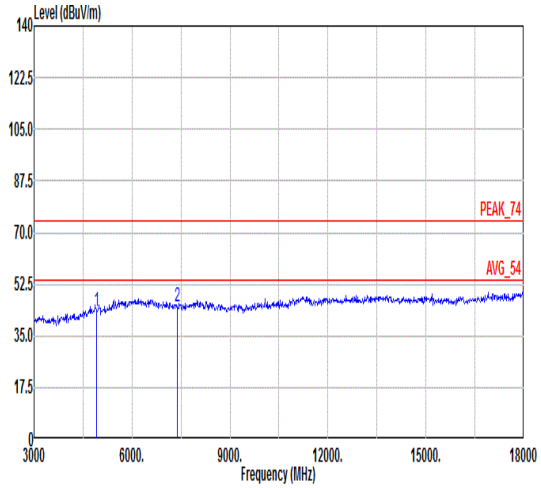
Mode	8	
	Band Edge - L	
	2400-2483.5_802.11n HT20_CH06_2437MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2386.84 51.83 74.00 -22.17 48.20 32.42 5.36 34.15 200 206 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 102.00 ------ ------ 98.22 32.50 5.41 34.13 200 206 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.63 37.07 54.00 -16.93 33.43 32.42 5.36 34.14 200 206 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 95.15 ------ ------ 91.37 32.50 5.41 34.13 200 206 AVERAGE

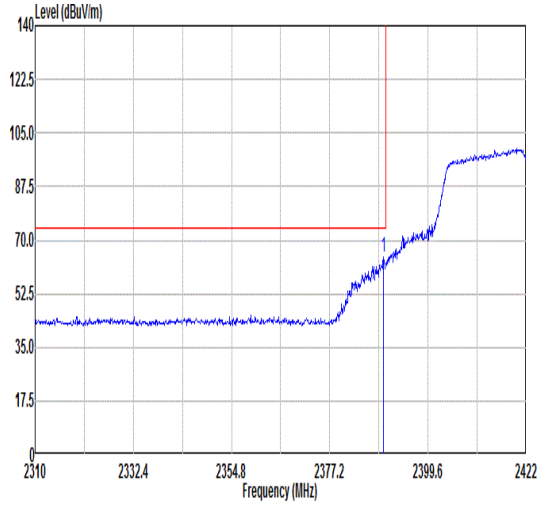
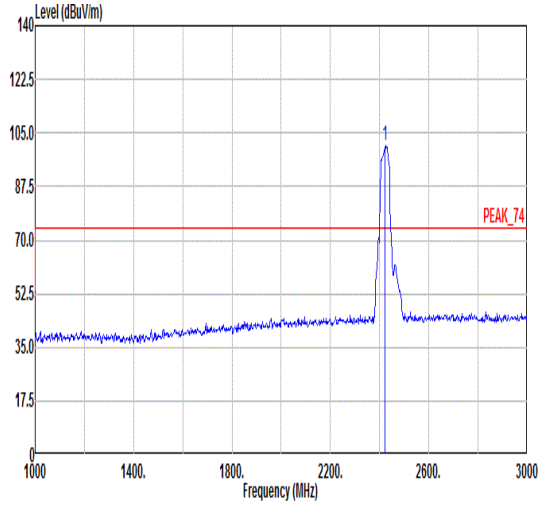
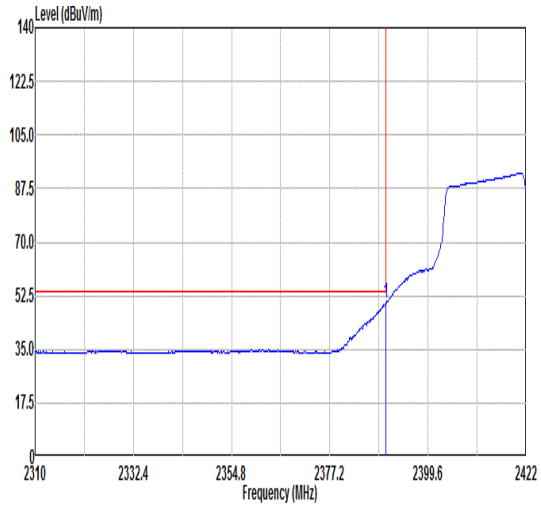
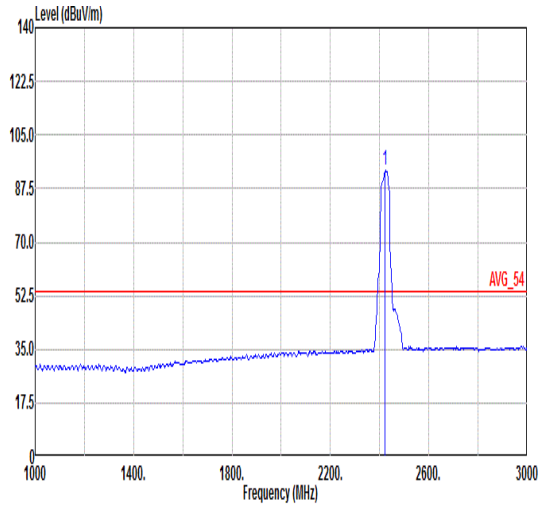
Mode	8	
	Band Edge - R	
	2400-2483.5_802.11n HT20_CH06_2437MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2485.20 53.40 74.00 -20.60 48.99 32.58 5.94 34.11 200 206 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 2485.57 39.51 54.00 -14.49 35.10 32.58 5.94 34.11 200 206 AVERAGE	Blank

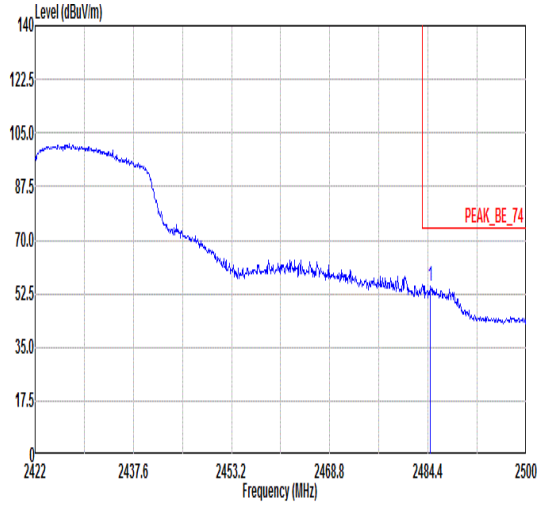
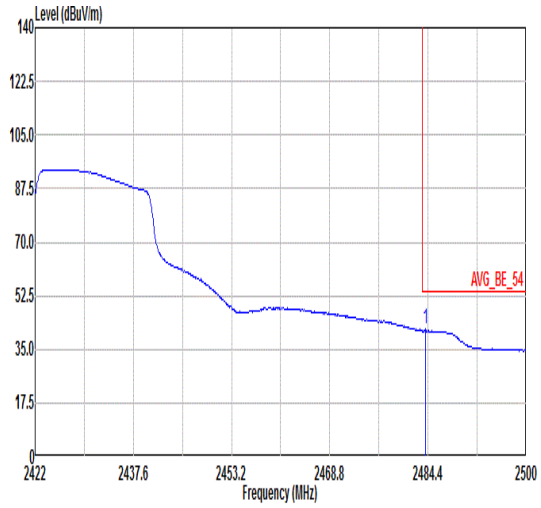
Mode	8	
	Harmonic	
	2400-2483.5_802.11n HT20_CH06_2437MHz	
ANT	5	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 45.03 74.00 -28.97 53.84 35.07 8.72 52.60 --- --- Peak 2 7311.00 45.00 74.00 -29.00 51.02 36.10 10.18 52.30 --- --- 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 4874.00 45.26 74.00 -28.74 54.07 35.07 8.72 52.60 --- --- Peak 2 7311.00 45.36 74.00 -28.64 51.38 36.10 10.18 52.30 --- --- Peak

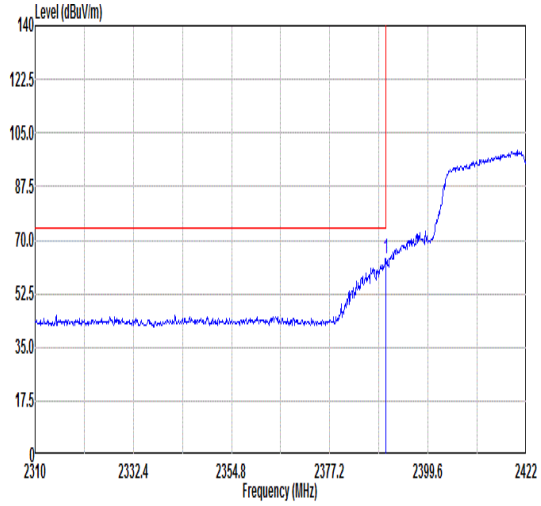
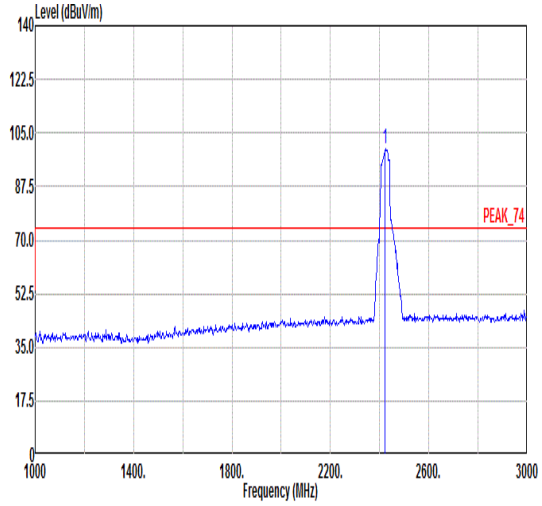
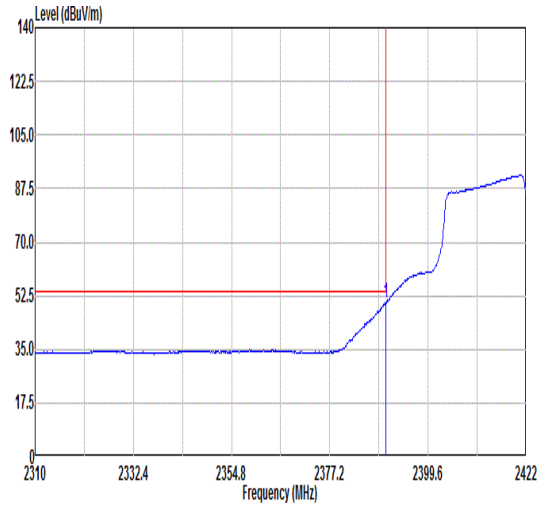
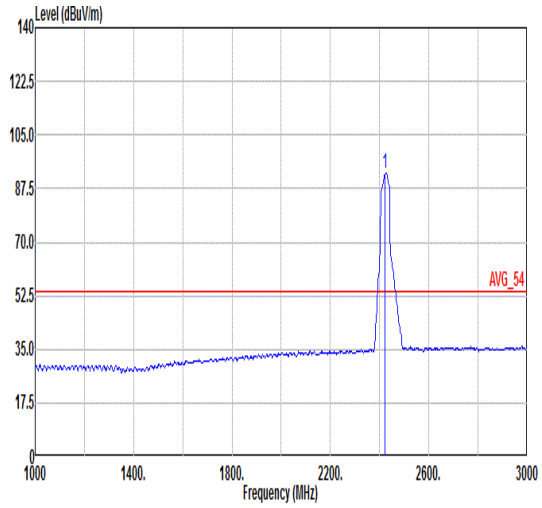
Mode	9	
	Band Edge	
	2400-2483.5_802.11n HT20_CH11_2462MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.19 66.61 74.00 -7.39 62.21 32.57 5.94 34.11 100 155 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 102.82 ------ ------ 98.69 32.54 5.70 34.11 100 155 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.04 49.29 54.00 -4.71 44.89 32.57 5.94 34.11 100 155 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2462.00 95.69 ------ ------ 91.56 32.54 5.70 34.11 100 155 AVERAGE

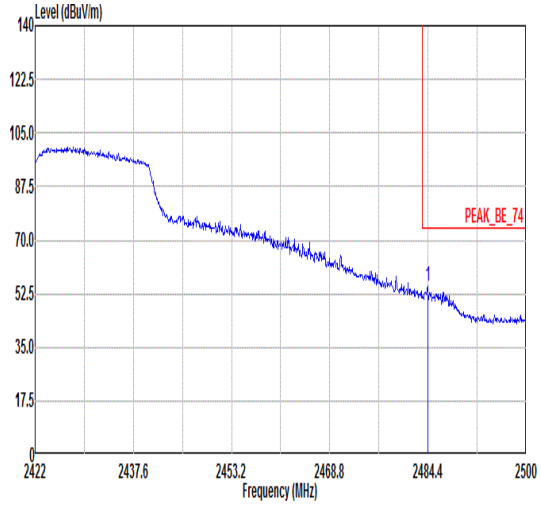
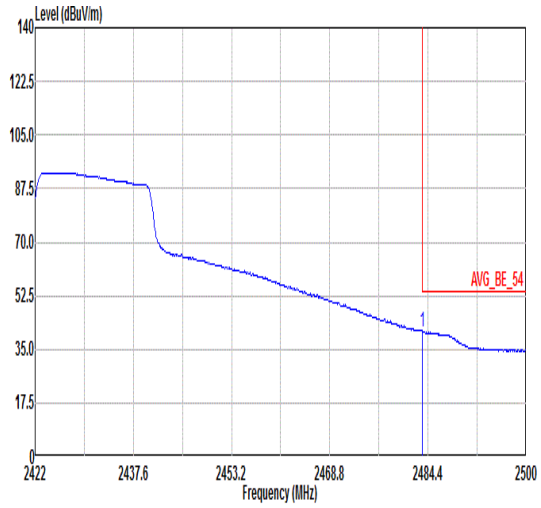
Mode	9	
	Band Edge	
	2400-2483.5_802.11n HT20_CH11_2462MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2484.53 63.55 74.00 -10.45 59.14 32.58 5.94 34.11 200 116 PEAK	 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 2462.00 101.24 ------ ------ 97.17 32.54 5.65 34.12 200 116 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 2483.62 47.18 54.00 -6.82 42.77 32.57 5.95 34.11 200 116 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 2462.00 93.94 ------ ------ 89.84 32.54 5.68 34.12 200 116 AVERAGE

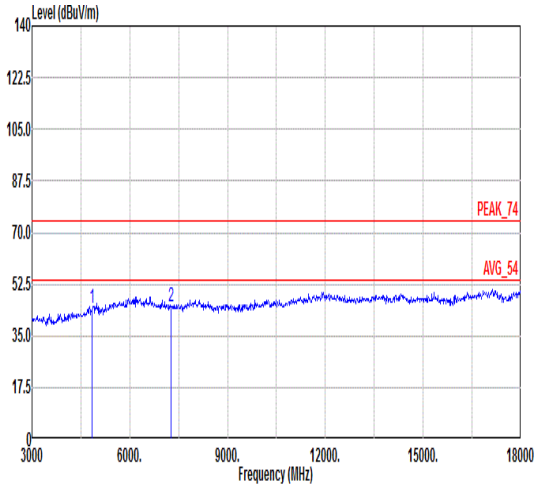
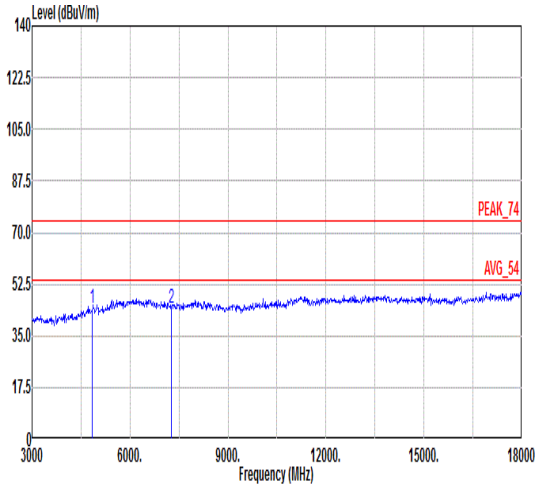
Mode	9	
	Harmonic	
	2400-2483.5_802.11n HT20_CH11_MHz	
ANT	5	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 44.17 74.00 -29.83 52.92 35.12 8.57 52.44 --- --- Peak 2 7386.00 44.92 74.00 -29.08 50.94 36.10 10.18 52.30 --- --- 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 4924.00 43.06 74.00 -30.94 51.81 35.12 8.57 52.44 --- --- Peak 2 7386.00 44.89 74.00 -29.11 50.91 36.10 10.18 52.30 --- --- Peak

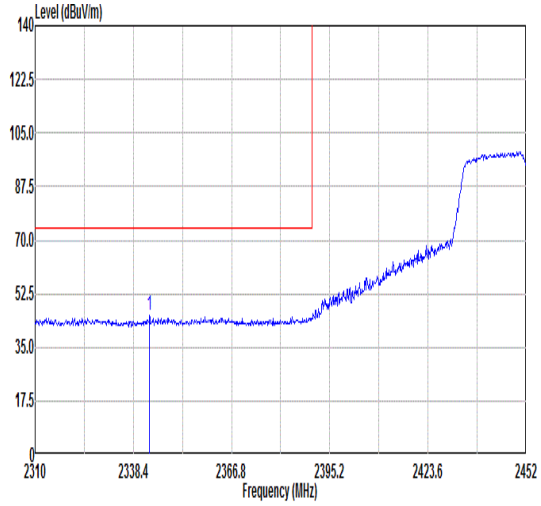
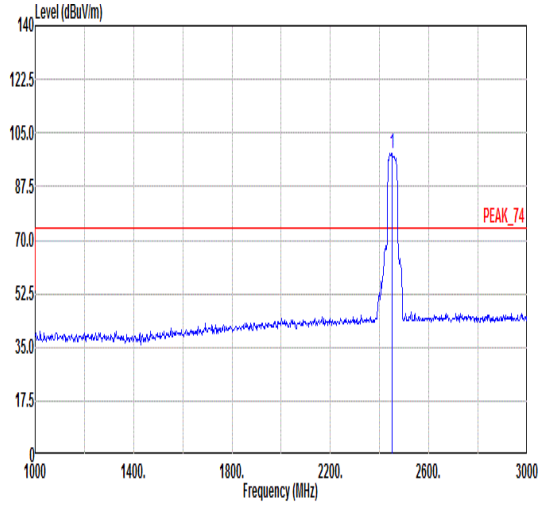
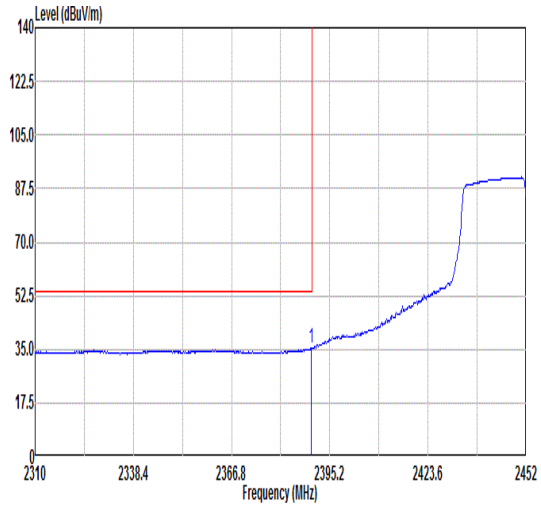
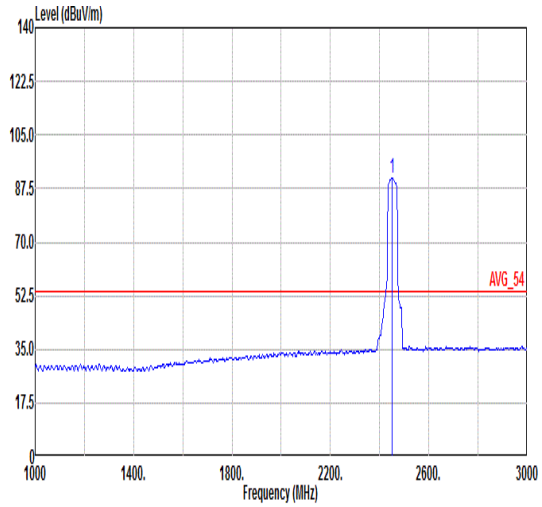
Mode	10	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2389.52 64.23 74.00 -9.77 60.59 32.42 5.36 34.14 400 152 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 2422.00 101.00 ------ ------ 97.26 32.48 5.39 34.13 400 152 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 2389.97 50.38 54.00 -3.62 46.74 32.42 5.36 34.14 400 152 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 2422.00 93.30 ------ ------ 89.56 32.48 5.39 34.13 400 152 AVERAGE

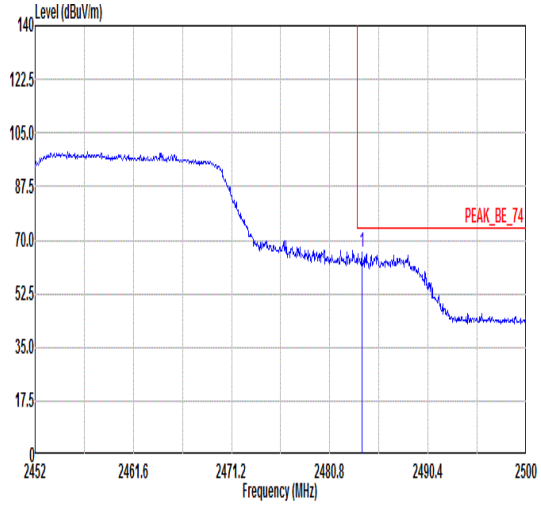
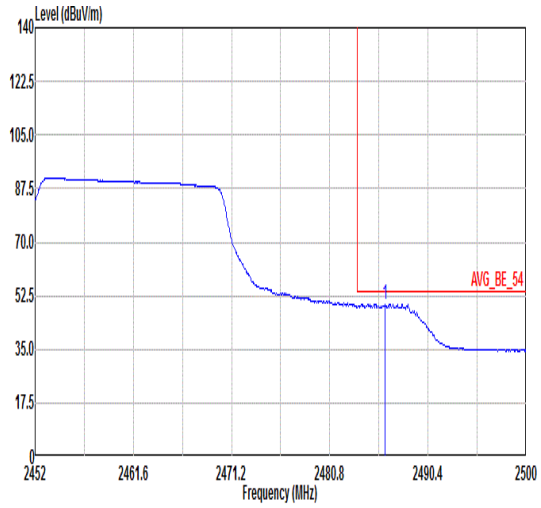
Mode	10	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2484.71 55.13 74.00 -18.87 50.72 32.58 5.94 34.11 400 152 PEAK	Blank
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 2484.01 41.55 54.00 -12.45 37.15 32.57 5.94 34.11 400 152 AVERAGE	Blank

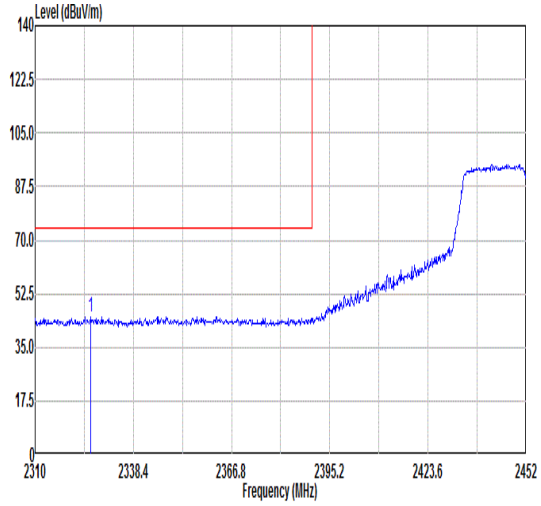
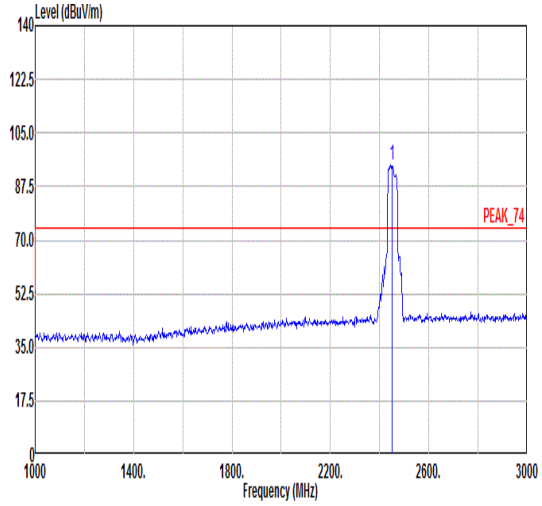
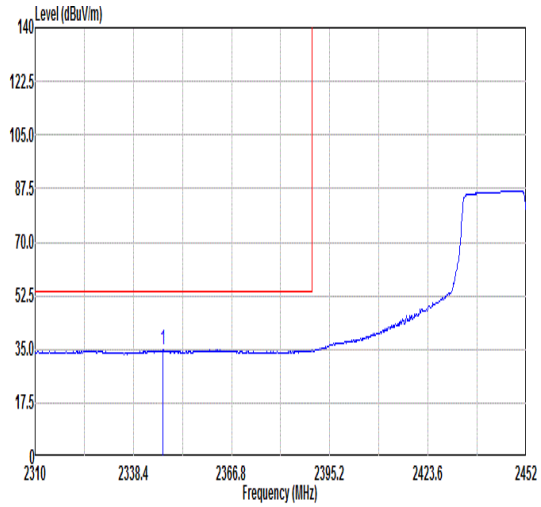
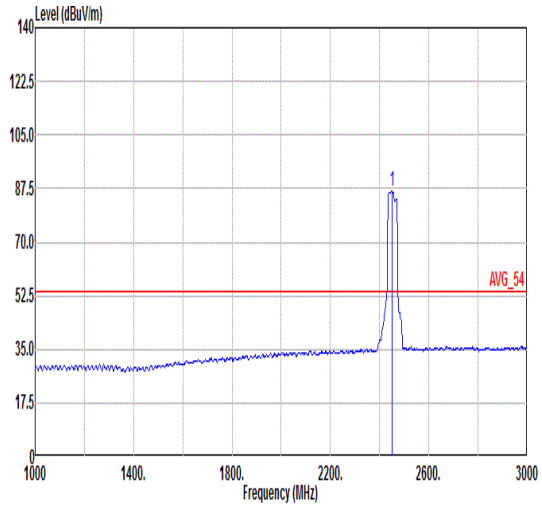
Mode	10	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2389.97 63.84 74.00 -10.16 60.20 32.42 5.36 34.14 230 108 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 2422.00 99.91 ------ ------ 96.17 32.48 5.39 34.13 230 108 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 2389.97 50.21 54.00 -3.79 46.57 32.42 5.36 34.14 230 108 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 2422.00 92.30 ------ ------ 88.56 32.48 5.39 34.13 230 108 AVERAGE

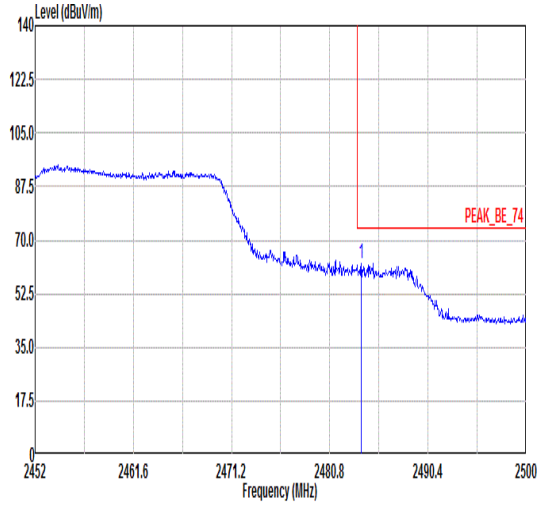
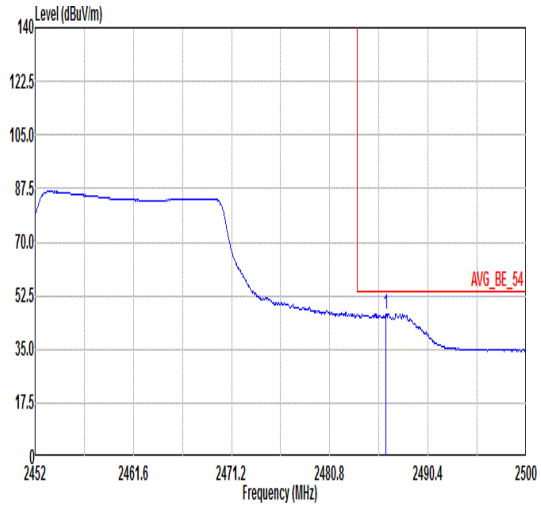
Mode	10	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2484.32 54.86 74.00 -19.14 50.46 32.57 5.94 34.11 230 108 PEAK	Blank
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 2483.54 40.88 54.00 -13.12 36.47 32.57 5.95 34.11 230 108 AVERAGE	Blank

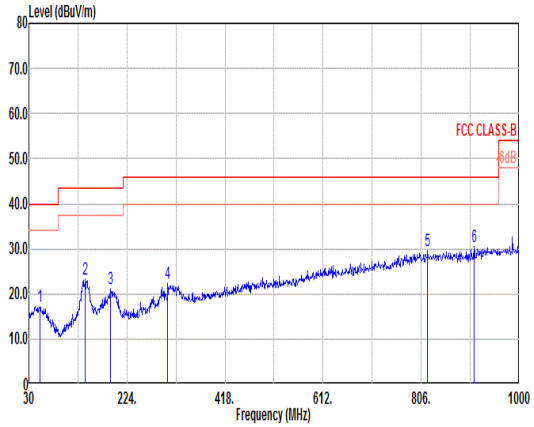
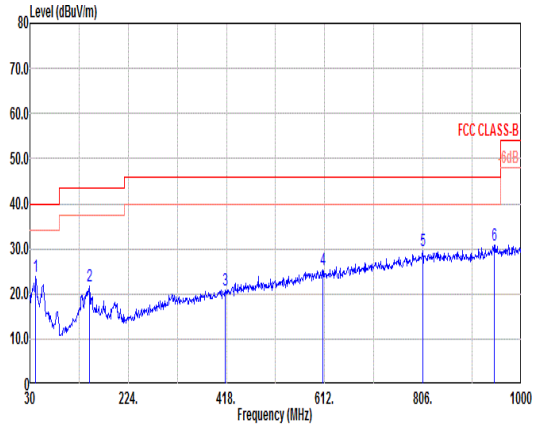
Mode	10	
	Harmonic	
	2400-2483.5_802.11n HT40_CH03_MHz	
ANT	5	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4844.00 44.24 74.00 -29.76 53.09 35.04 8.81 52.70 --- --- Peak 2 7266.00 44.91 74.00 -29.09 50.93 36.10 10.18 52.30 --- --- 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 4844.00 44.53 74.00 -29.47 53.38 35.04 8.81 52.70 --- --- Peak 2 7266.00 44.55 74.00 -29.45 50.57 36.10 10.18 52.30 --- --- Peak

Mode	11	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	5	
Pol.	Horizontal	Fundamental
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 2343.09 45.19 74.00 -28.81 41.68 32.35 5.32 34.16 100 157 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 2452.00 98.43 ------ ------ 94.63 32.51 5.41 34.12 100 157 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 2389.80 35.23 54.00 -18.77 31.59 32.42 5.36 34.14 100 157 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 2452.00 91.04 ------ ------ 87.13 32.52 5.51 34.12 100 157 AVERAGE

Mode	11	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	5	
Pol.	Horizontal	Fundamental
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 2483.92 65.89 74.00 -8.11 61.49 32.57 5.94 34.11 100 157 PEAK	Blank
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 2486.22 49.91 54.00 -4.09 45.50 32.58 5.94 34.11 100 157 AVERAGE	Blank

Mode	11	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	5	
Pol.	Vertical	Fundamental
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 2326.05 44.99 74.00 -29.01 41.53 32.32 5.31 34.17 200 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 2452.00 94.52 ------ ------ 90.70 32.51 5.43 34.12 200 30 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 2346.92 34.70 54.00 -19.30 31.18 32.36 5.32 34.16 200 30 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 2452.00 86.62 ------ ------ 82.71 32.52 5.51 34.12 200 30 AVERAGE

Mode	11	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	5	
Pol.	Vertical	Fundamental
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 2483.87 62.13 74.00 -11.87 57.73 32.57 5.94 34.11 200 30 PEAK	Blank
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 2486.27 46.61 54.00 -7.39 42.20 32.58 5.94 34.11 200 30 AVERAGE	Blank

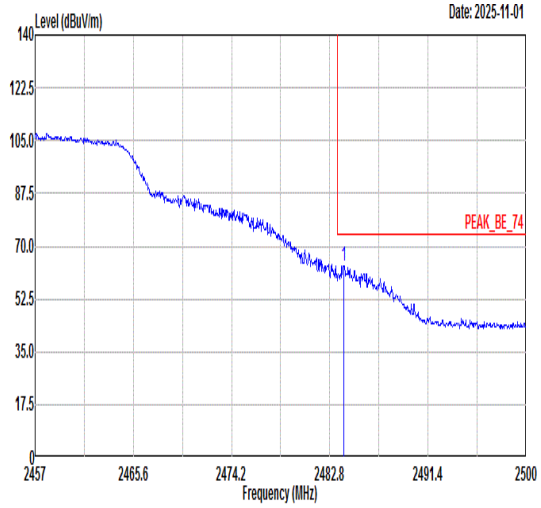
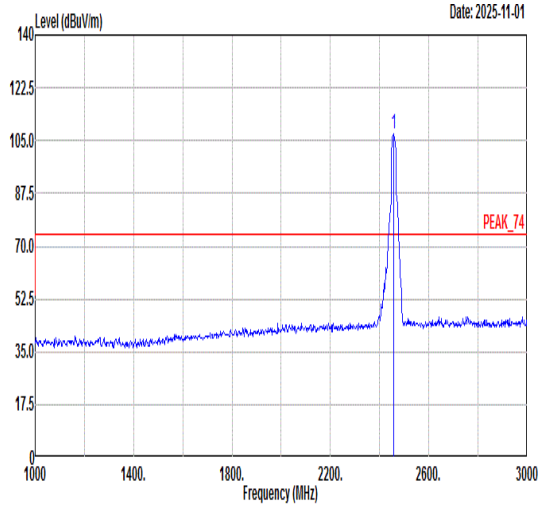
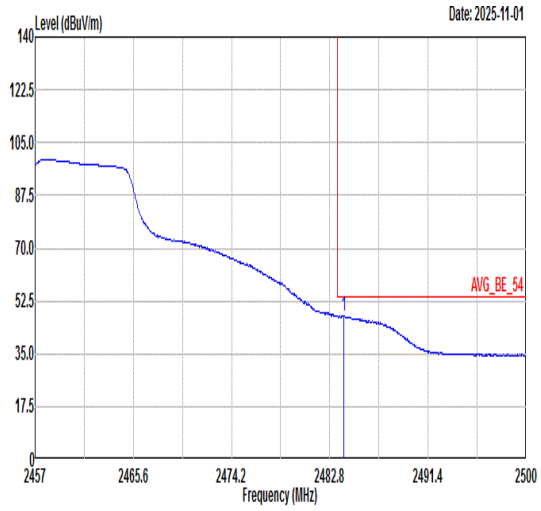
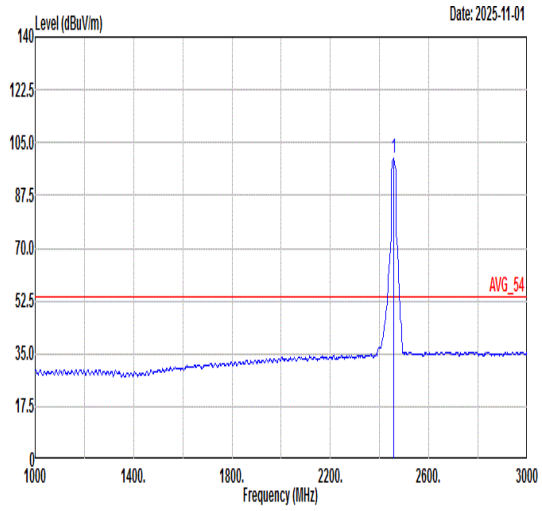
Mode	12	
	LF	
	2400-2483.5_802.11n HT20 LF_CH01_MHz	
ANT	5	
Pol.	Horizontal	Vertical
Peak		

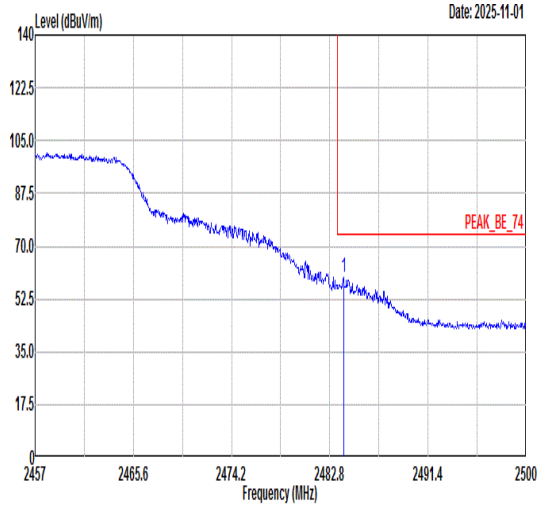
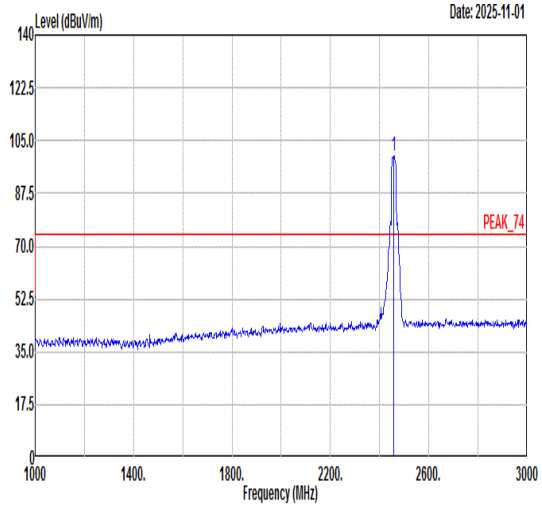
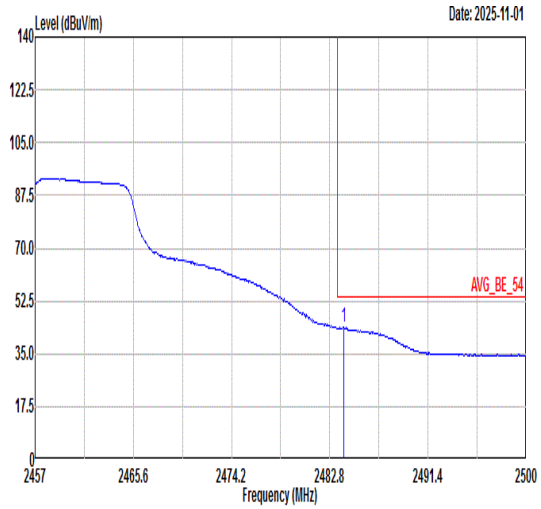
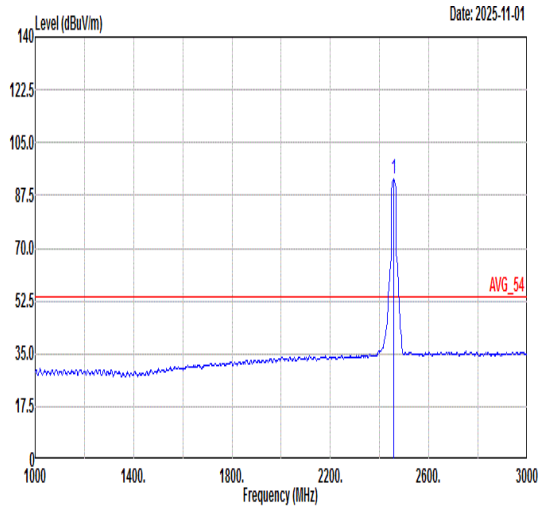
Horizontal:

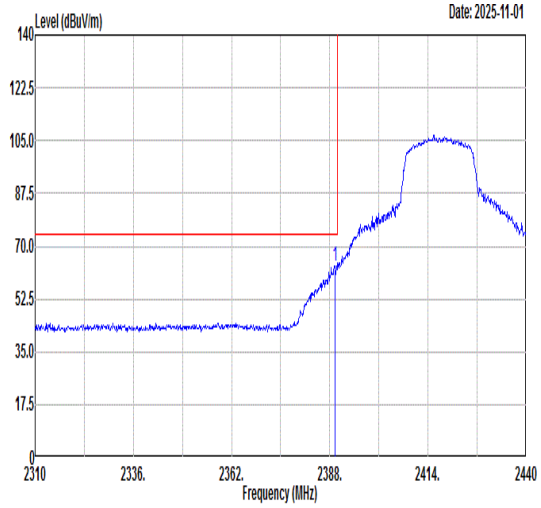
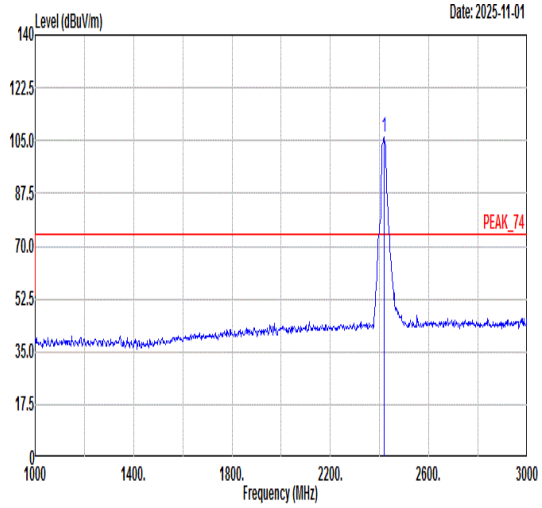
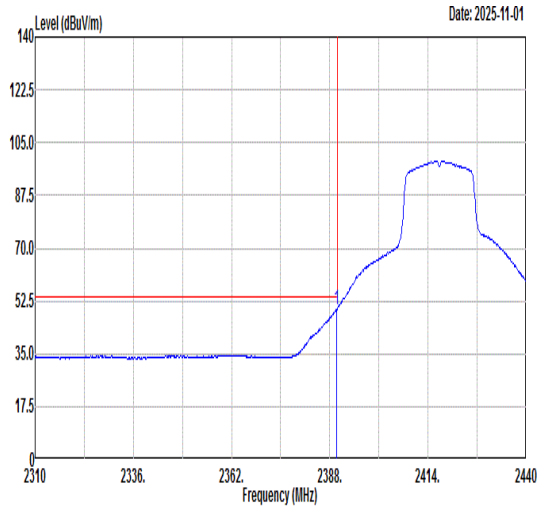
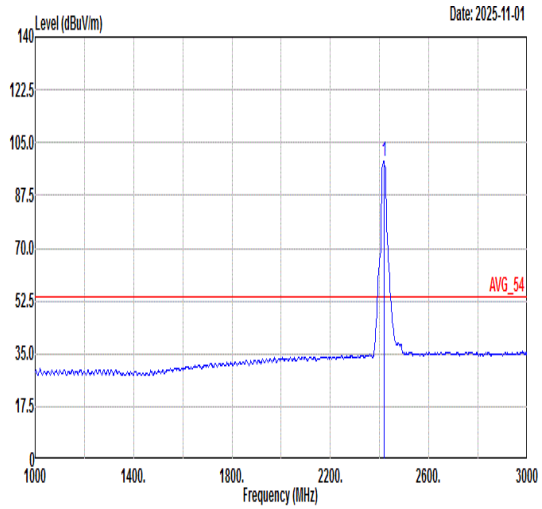
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	52.31	17.19	40.00	-22.81	27.95	20.22	0.72	31.70	---	---	Peak
2	141.55	23.23	43.50	-20.27	34.44	19.19	1.22	31.62	---	---	Peak
3	191.99	21.05	43.50	-22.45	34.40	16.76	1.41	31.52	---	---	Peak
4	304.51	22.48	46.00	-23.52	32.41	19.84	1.82	31.59	---	---	Peak
5	818.61	29.67	46.00	-16.33	29.40	28.37	2.98	31.08	---	---	Peak
6	910.76	30.44	46.00	-15.56	28.93	29.30	3.18	30.97	---	---	Peak

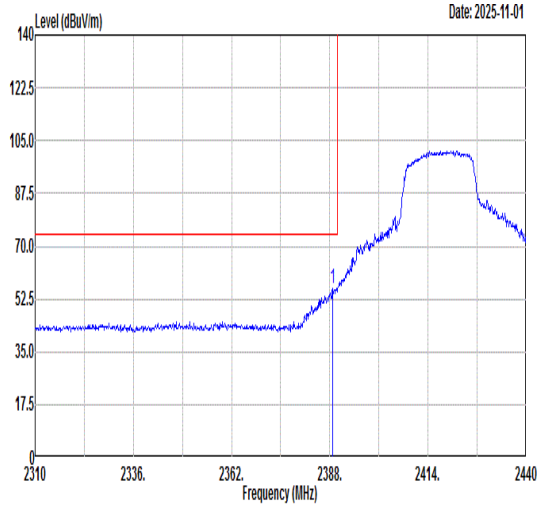
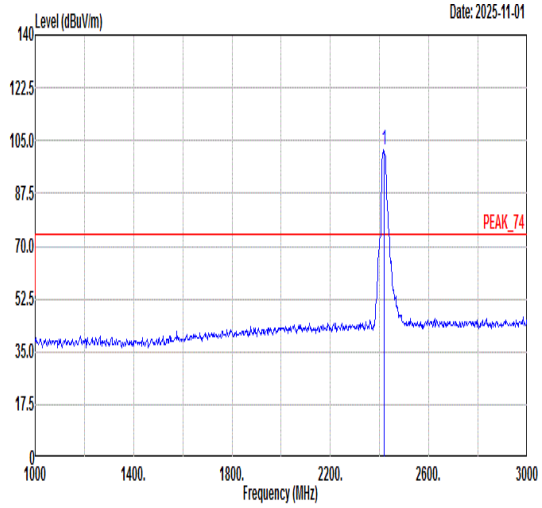
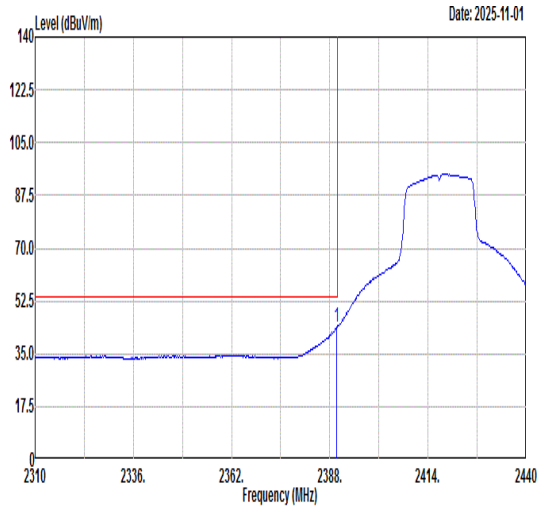
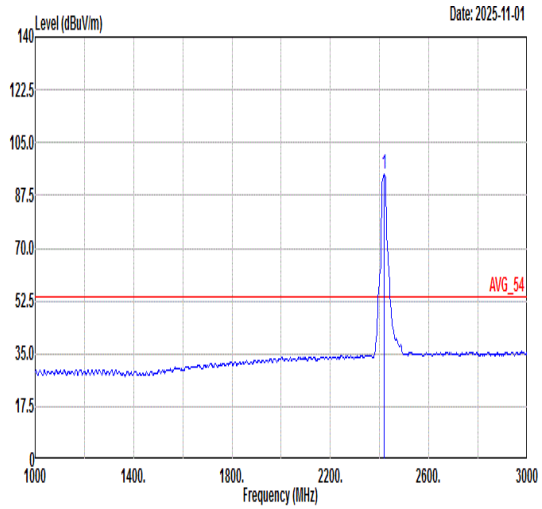
Vertical:

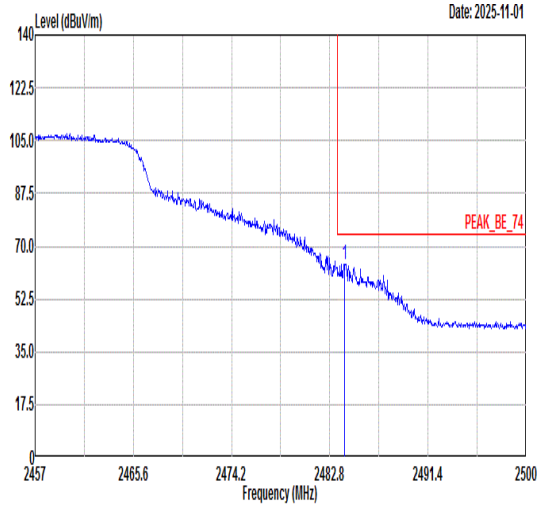
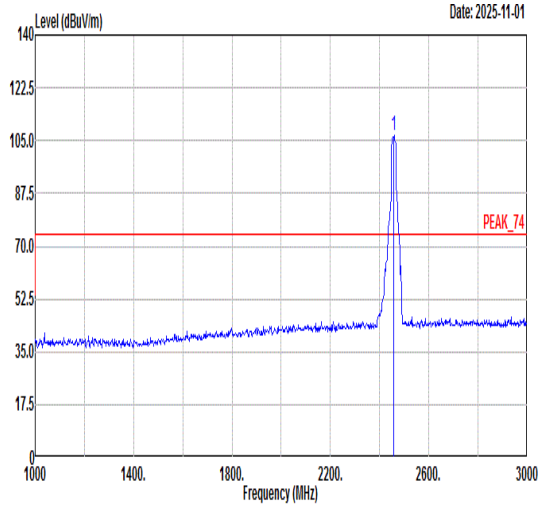
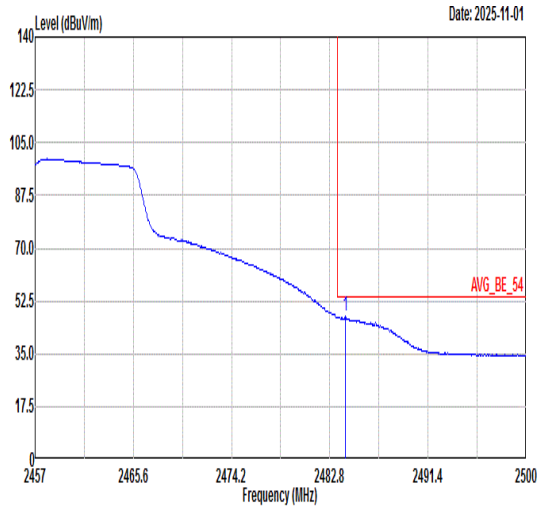
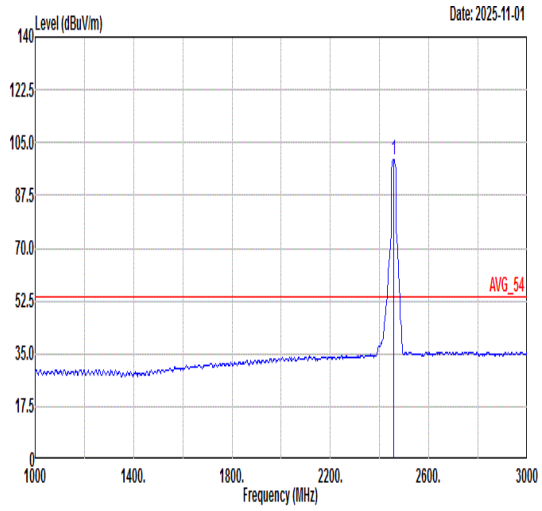
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	41.64	23.90	40.00	-16.10	35.07	19.93	0.63	31.73	---	---	Peak
2	147.37	21.82	43.50	-21.68	32.84	19.35	1.24	31.61	---	---	Peak
3	416.06	20.97	46.00	-25.03	27.77	22.37	2.13	31.30	---	---	Peak
4	608.12	25.32	46.00	-20.68	27.99	25.88	2.57	31.12	---	---	Peak
5	805.03	29.57	46.00	-16.43	29.45	28.26	2.95	31.09	---	---	Peak
6	946.65	30.82	46.00	-15.18	28.70	29.75	3.23	30.86	---	---	Peak

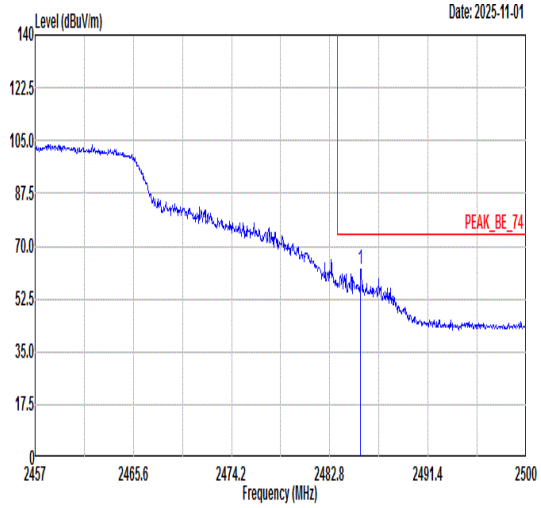
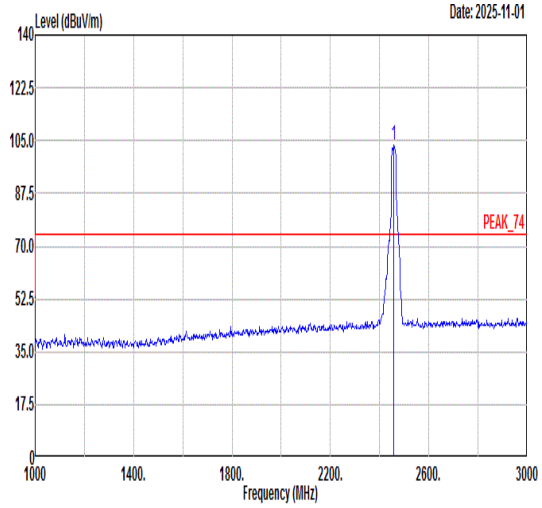
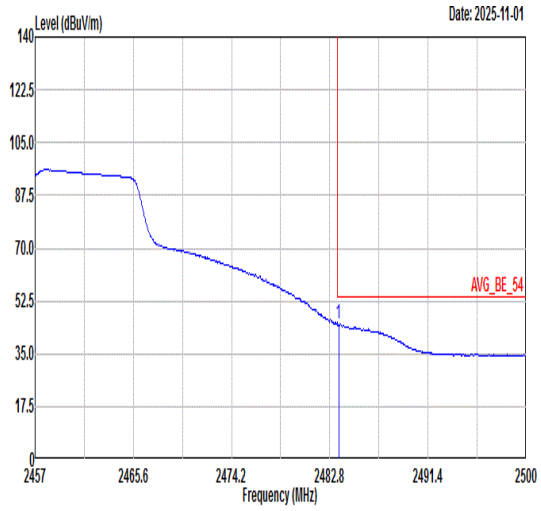
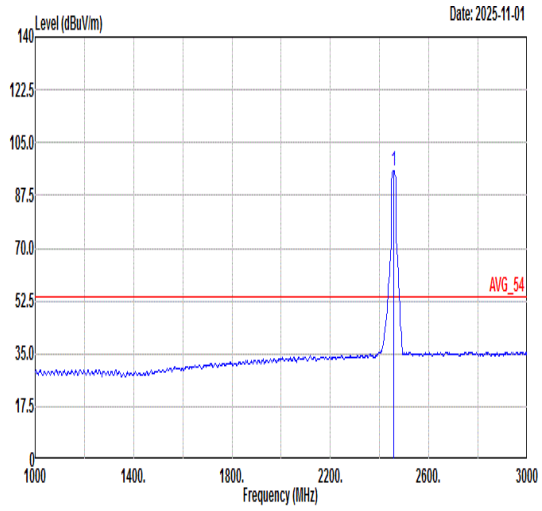
Mode	13	
	Band Edge	
	2400-2483.5_802.11g_CH10_2457MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.00 63.64 74.00 -10.36 59.24 32.57 5.94 34.11 200 33 PEAK	 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 2457.00 107.17 ------ ------ 103.14 32.53 5.62 34.12 200 33 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 2484.05 47.53 54.00 -6.47 43.13 32.57 5.94 34.11 200 33 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 99.81 ------ ------ 95.81 32.53 5.59 34.12 200 33 AVERAGE

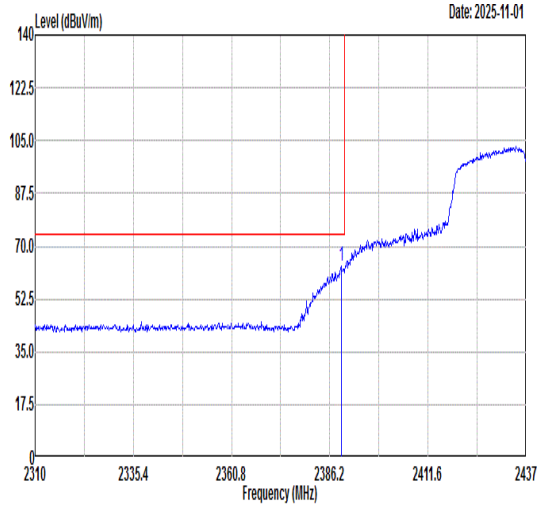
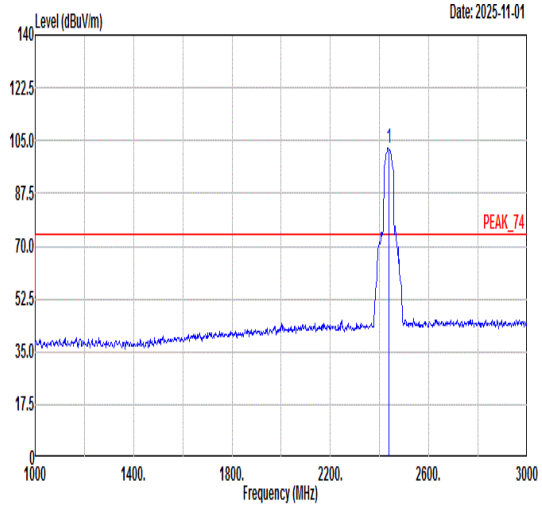
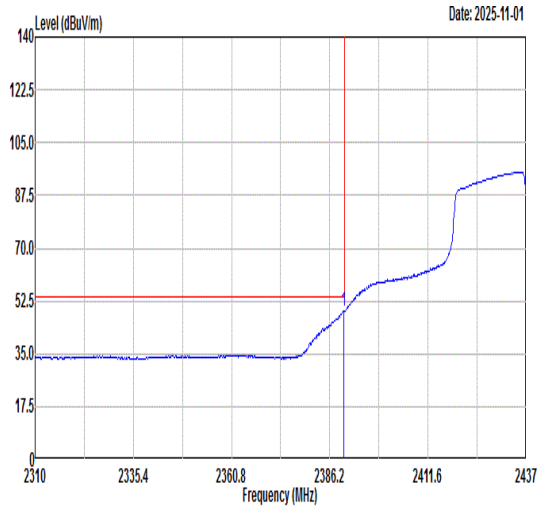
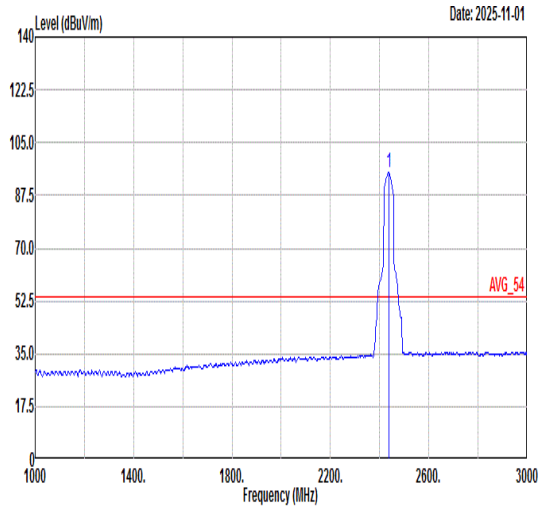
Mode	13	
	Band Edge	
	2400-2483.5_802.11g_CH10_2457MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.00 59.86 74.00 -14.14 55.46 32.57 5.94 34.11 295 0 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 99.86 ------ ------ 95.83 32.53 5.62 34.12 295 0 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.05 43.71 54.00 -10.29 39.31 32.57 5.94 34.11 295 0 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 92.96 ------ ------ 88.93 32.53 5.62 34.12 295 0 AVERAGE

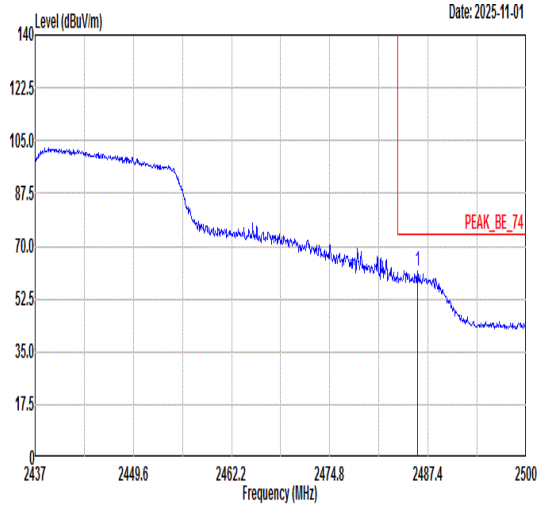
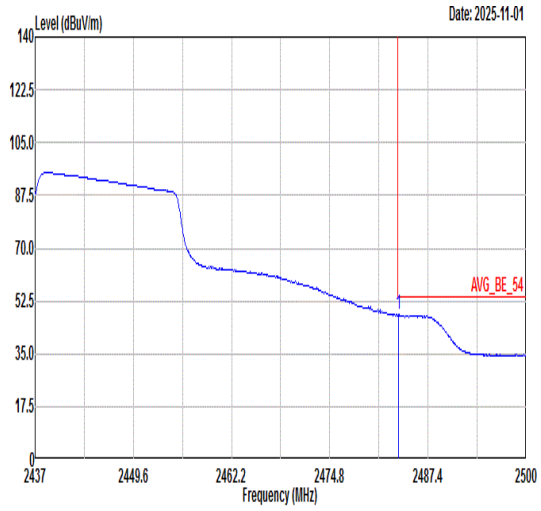
Mode	14	
	Band Edge	
	2400-2483.5_802.11n HT20_CH02_2417MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.30 63.66 74.00 -10.34 60.02 32.42 5.36 34.14 400 153 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 2417.00 106.19 ------ ------ 102.46 32.47 5.39 34.13 400 153 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 2389.82 49.61 54.00 -4.39 45.97 32.42 5.36 34.14 400 153 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 2417.00 98.70 ------ ------ 94.98 32.47 5.38 34.13 400 153 AVERAGE

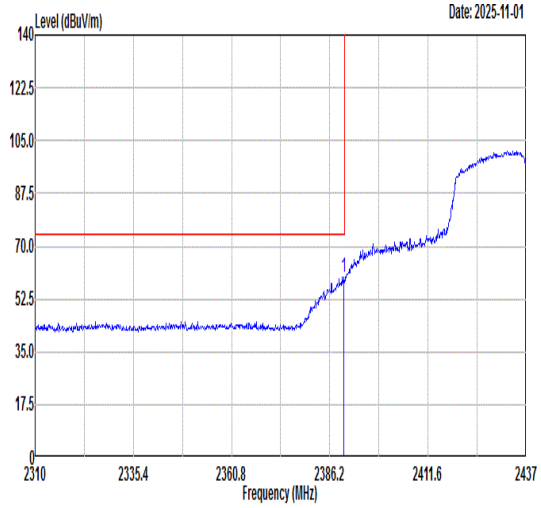
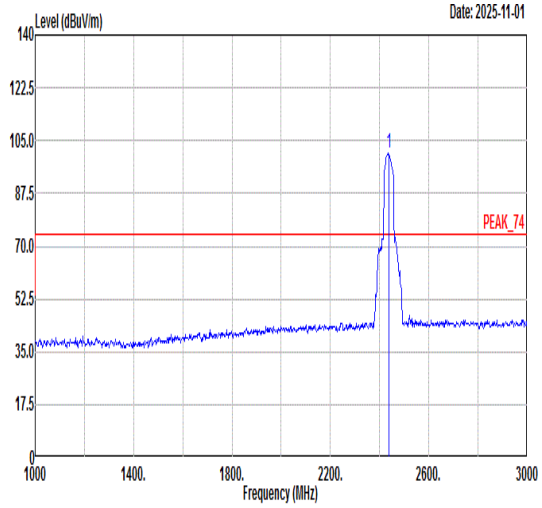
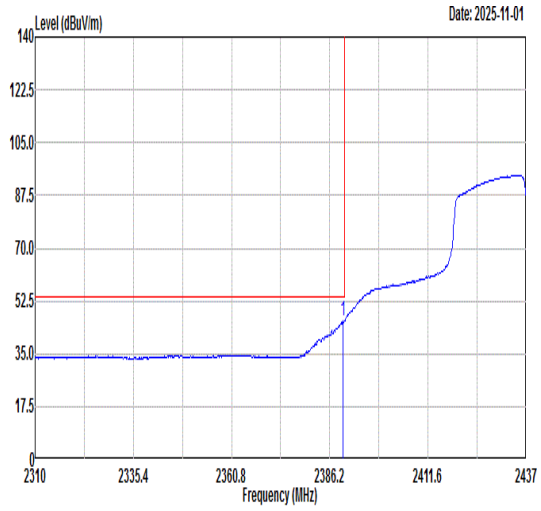
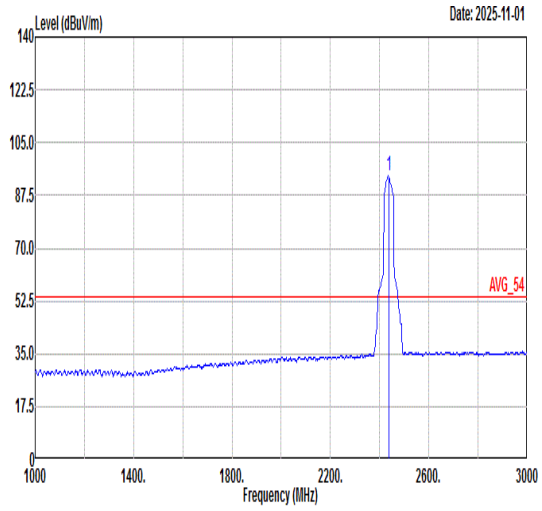
Mode	14	
	Band Edge	
	2400-2483.5_802.11n HT20_CH02_2417MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2388.78 56.08 74.00 -17.92 52.44 32.42 5.36 34.14 201 30 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2417.00 102.15 ------ ------ 98.44 32.46 5.38 34.13 201 30 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.82 44.05 54.00 -9.95 40.41 32.42 5.36 34.14 201 30 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2417.00 94.37 ------ ------ 90.64 32.47 5.39 34.13 201 30 AVERAGE

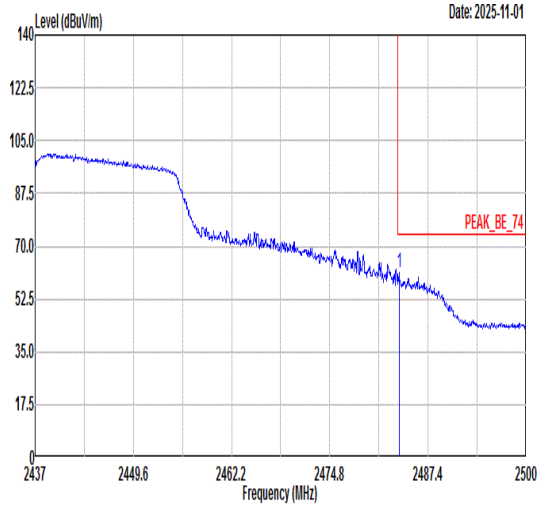
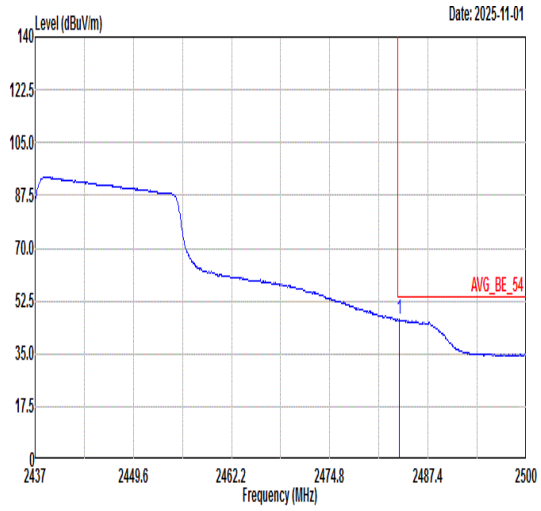
Mode	15	
	Band Edge	
	2400-2483.5_802.11n HT20_CH10_2457MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.09 64.15 74.00 -9.85 59.75 32.57 5.94 34.11 300 155 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 106.53 ------ ------ 102.46 32.54 5.65 34.12 300 155 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.13 47.50 54.00 -6.50 43.10 32.57 5.94 34.11 300 155 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 99.58 ------ ------ 95.58 32.53 5.59 34.12 300 155 AVERAGE

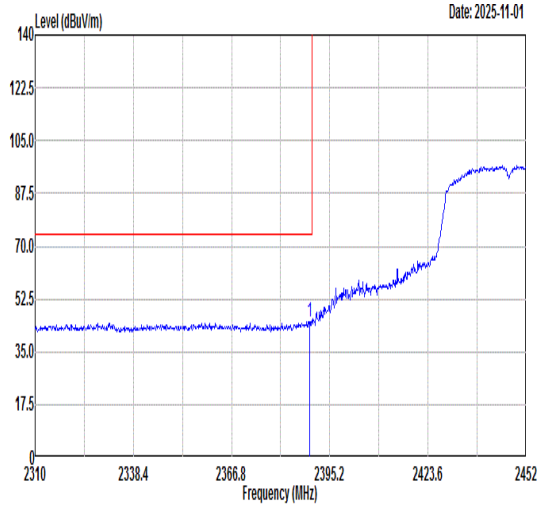
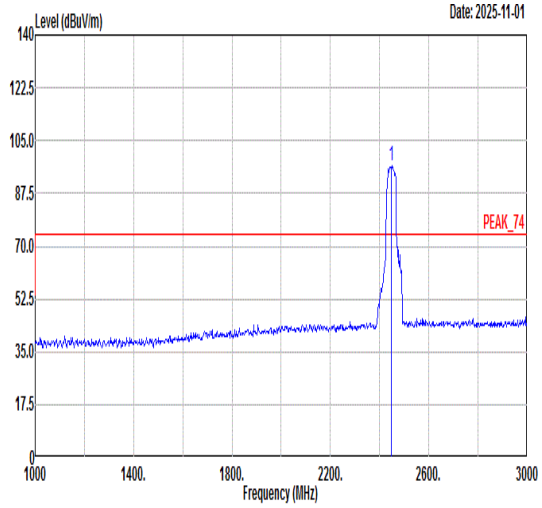
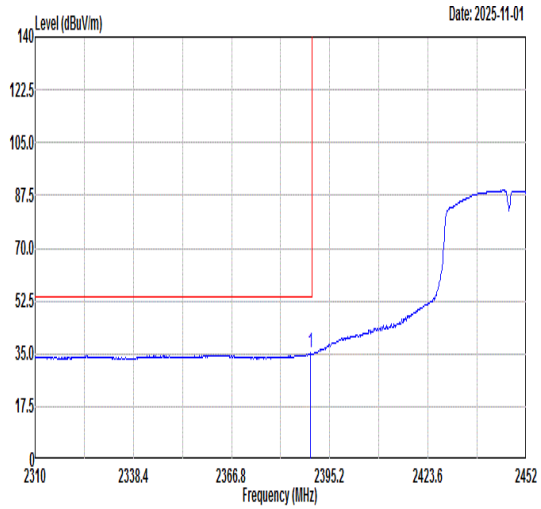
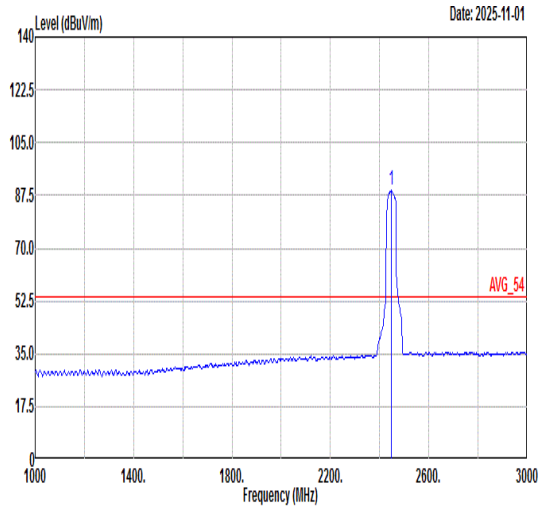
Mode	15	
	Band Edge	
	2400-2483.5_802.11n HT20_CH10_2457MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2485.51 62.30 74.00 -11.70 57.89 32.58 5.94 34.11 301 360 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 103.34 ------ ------ 99.34 32.53 5.59 34.12 301 360 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.57 44.97 54.00 -9.03 40.56 32.57 5.95 34.11 301 360 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2457.00 95.87 ------ ------ 91.84 32.53 5.62 34.12 301 360 AVERAGE

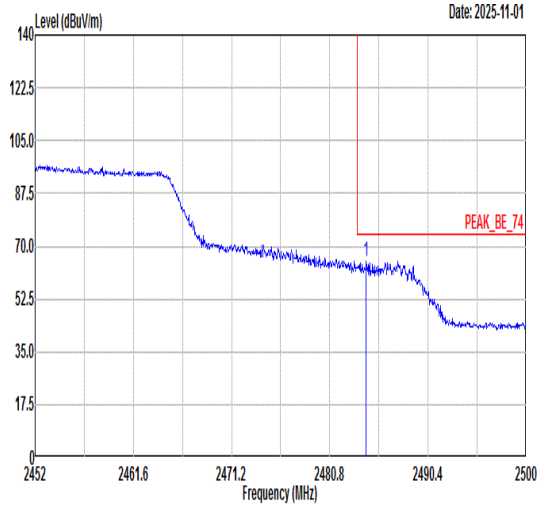
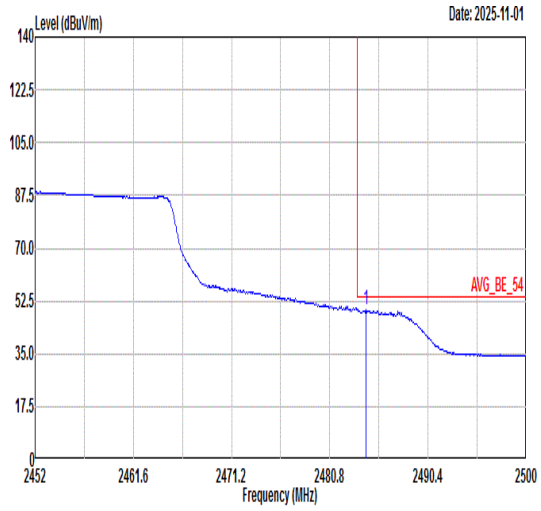
Mode	16	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2389.12 63.21 74.00 -10.79 59.57 32.42 5.36 34.14 100 168 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 2437.00 102.63 ------ ------ 98.87 32.49 5.40 34.13 100 168 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 2389.76 49.37 54.00 -4.63 45.73 32.42 5.36 34.14 100 168 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 95.10 ------ ------ 91.32 32.50 5.41 34.13 100 168 AVERAGE

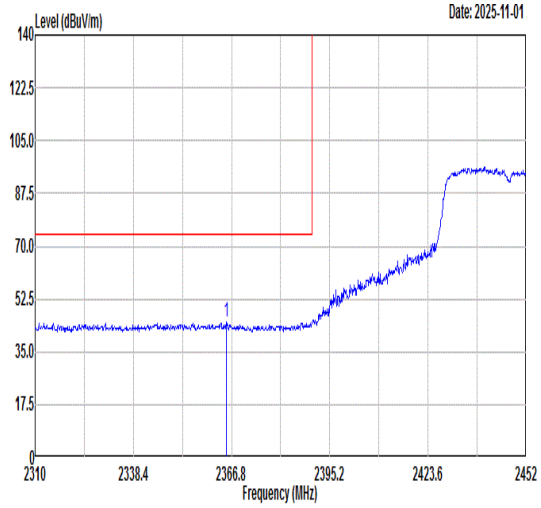
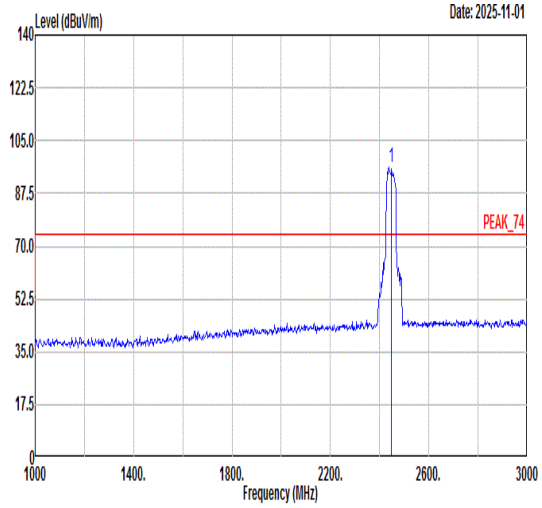
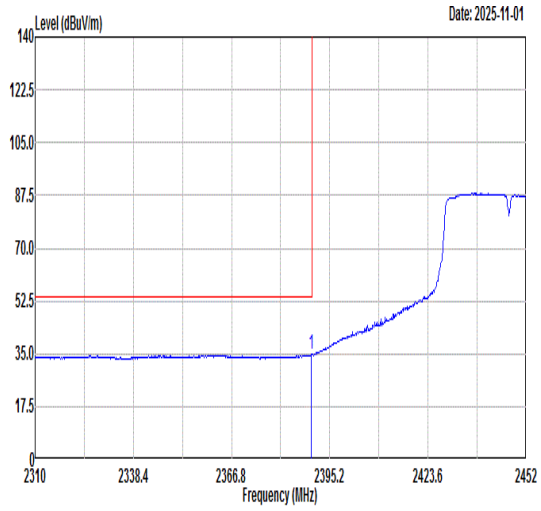
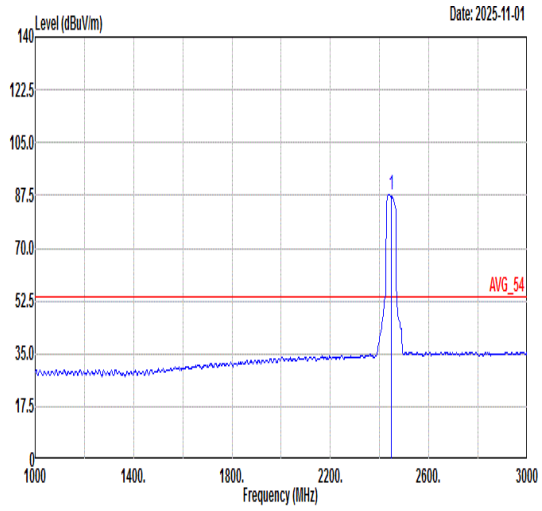
Mode	16	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2486.01 61.87 74.00 -12.13 57.46 32.58 5.94 34.11 100 168 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 47.97 54.00 -6.03 43.56 32.57 5.95 34.11 100 168 AVERAGE	Blank

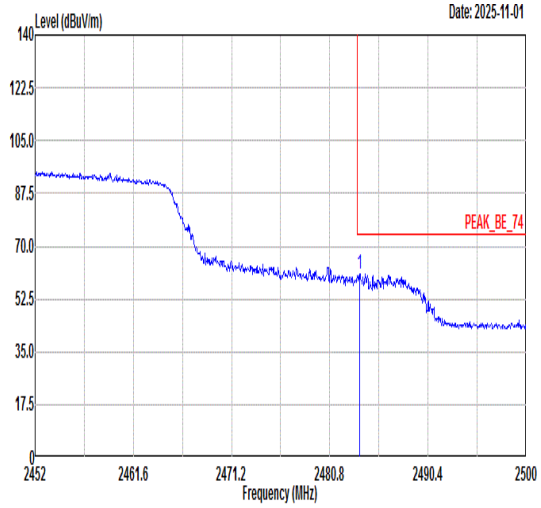
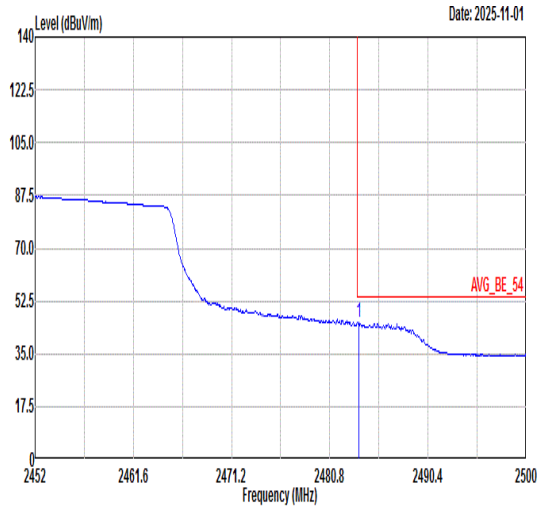
Mode	16	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.88 59.89 74.00 -14.11 56.25 32.42 5.36 34.14 100 178 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 101.05 ------ ------ 97.27 32.50 5.41 34.13 100 178 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.63 45.71 54.00 -8.29 42.07 32.42 5.36 34.14 100 178 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2437.00 93.88 ------ ------ 90.12 32.49 5.40 34.13 100 178 AVERAGE

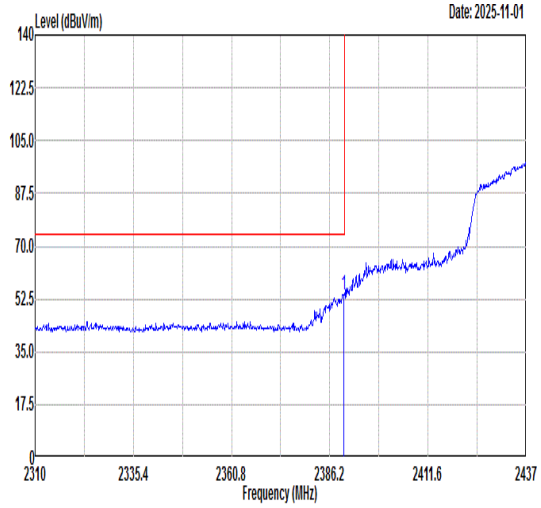
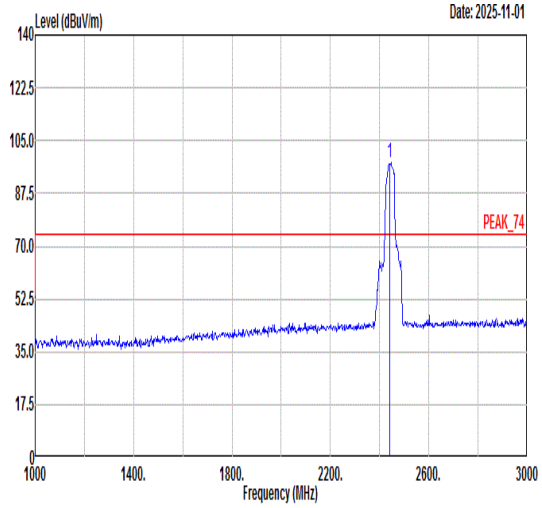
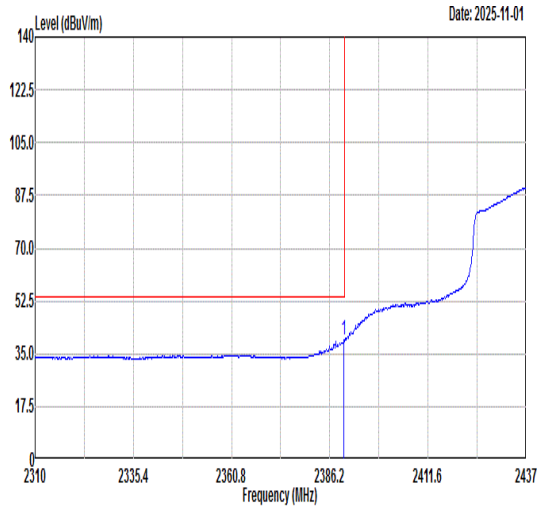
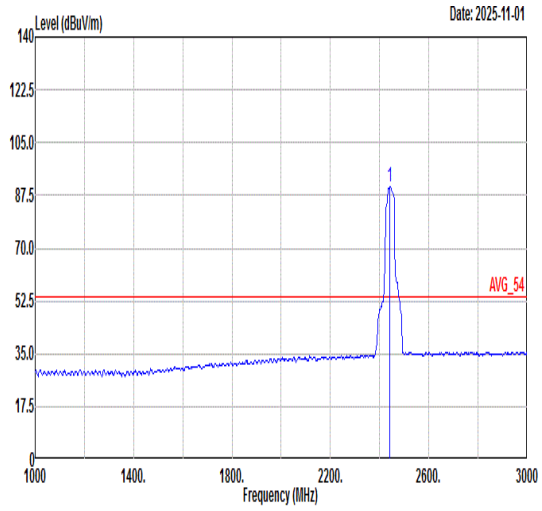
Mode	16	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.68 61.26 74.00 -12.74 56.85 32.57 5.95 34.11 100 178 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 2483.68 46.34 54.00 -7.66 41.93 32.57 5.95 34.11 100 178 AVERAGE	Blank

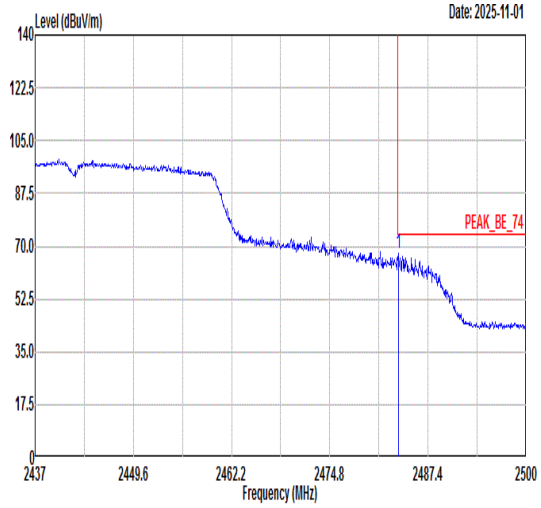
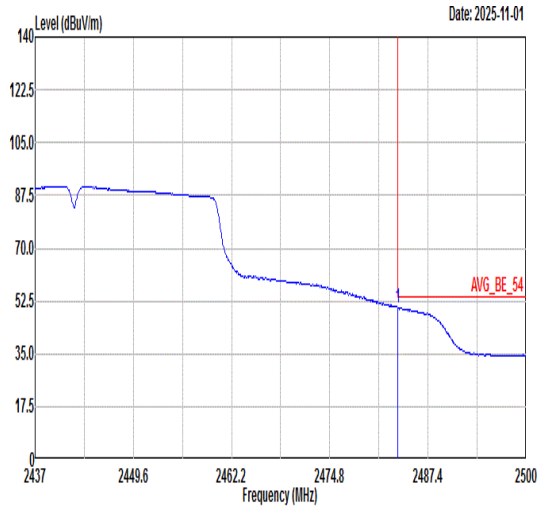
Mode	17	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH08_2447MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.38 45.13 74.00 -28.87 41.49 32.42 5.36 34.14 331 146 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2447.00 96.47 ------ ------ 92.56 32.52 5.51 34.12 331 146 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.52 35.16 54.00 -18.84 31.52 32.42 5.36 34.14 331 146 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2447.00 89.06 ------ ------ 85.21 32.51 5.46 34.12 331 146 AVERAGE

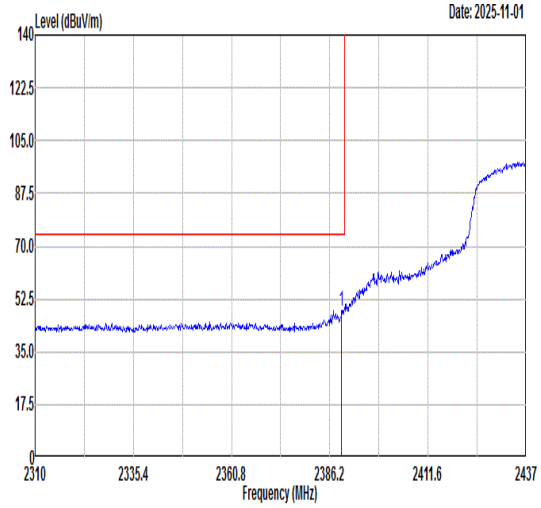
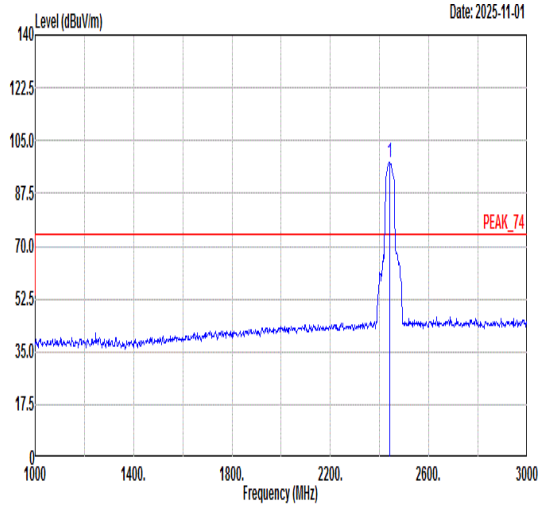
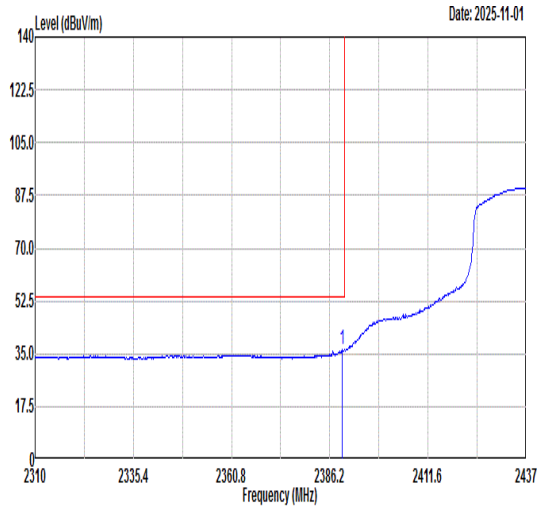
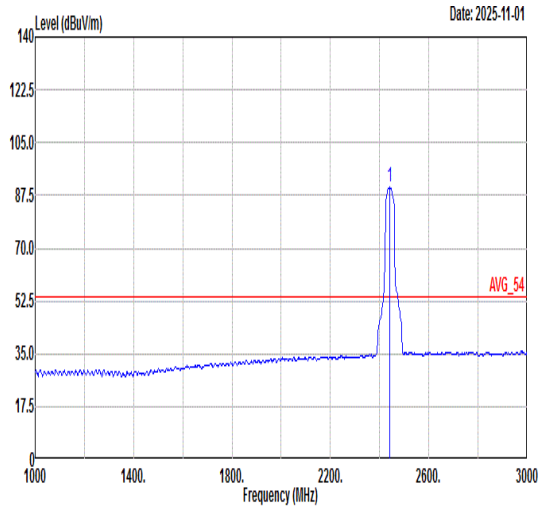
Mode	17	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH08_2447MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2484.35 65.00 74.00 -9.00 60.60 32.57 5.94 34.11 331 146 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 2484.30 49.83 54.00 -4.17 45.43 32.57 5.94 34.11 331 146 AVERAGE	Blank

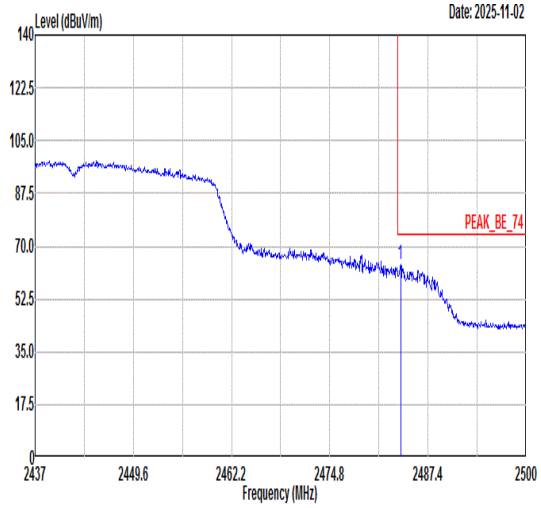
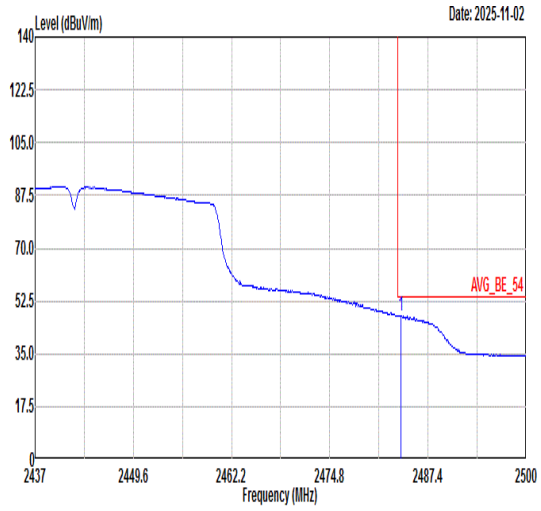
Mode	17	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH08_2447MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2365.24 44.78 74.00 -29.22 41.21 32.38 5.34 34.15 147 192 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 2447.00 95.96 ------ ------ 92.17 32.50 5.41 34.12 147 192 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 34.62 54.00 -19.38 30.98 32.42 5.36 34.14 147 192 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 2447.00 87.68 ------ ------ 83.90 32.50 5.41 34.13 147 192 AVERAGE

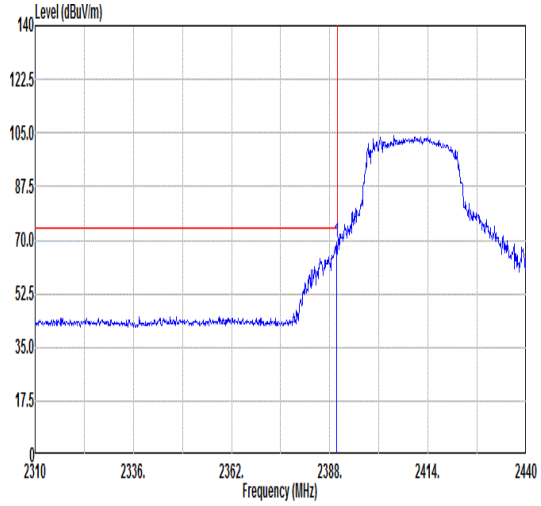
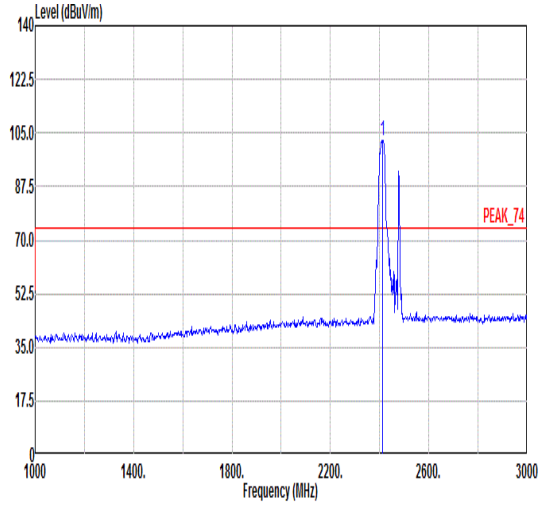
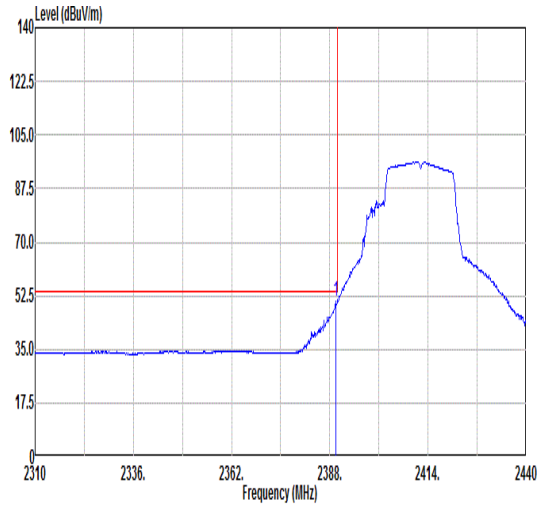
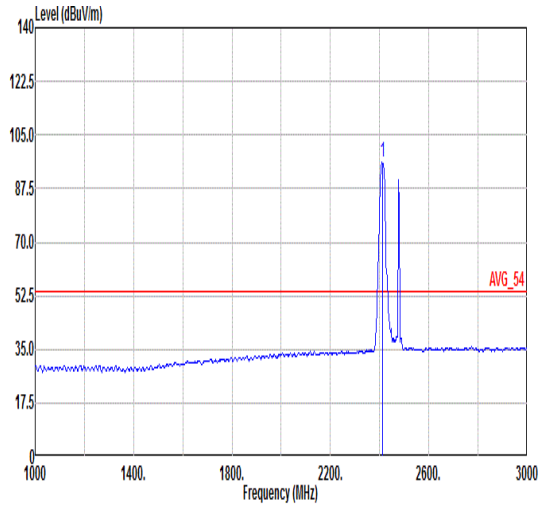
Mode	17	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH08_2447MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.73 60.97 74.00 -13.03 56.56 32.57 5.95 34.11 147 192 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 2483.63 45.22 54.00 -8.78 40.81 32.57 5.95 34.11 147 192 AVERAGE	Blank

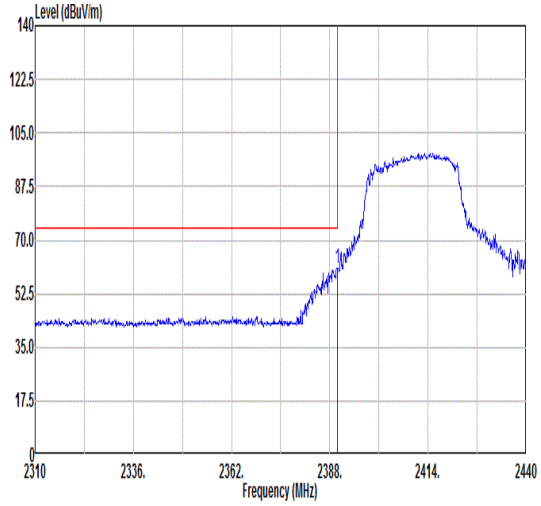
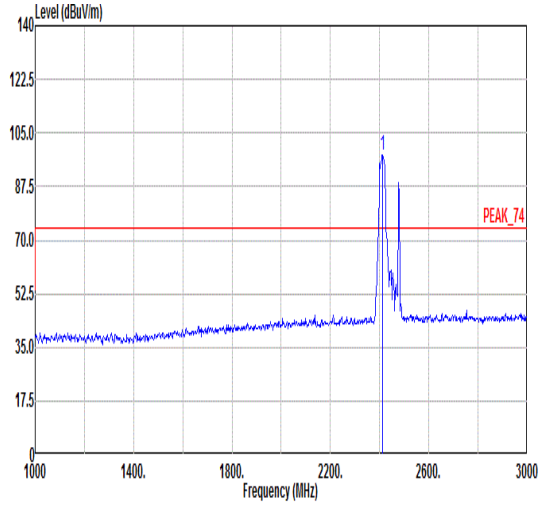
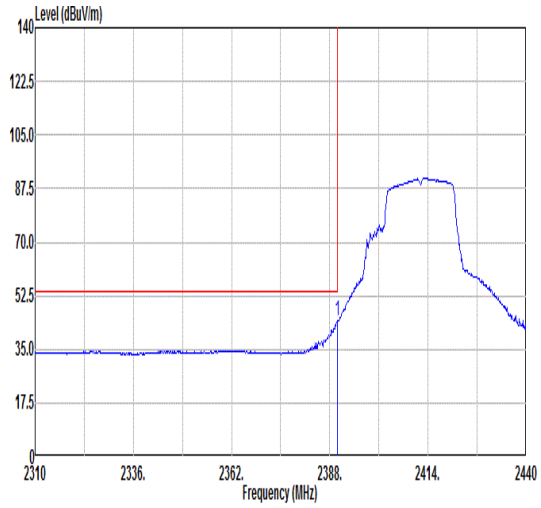
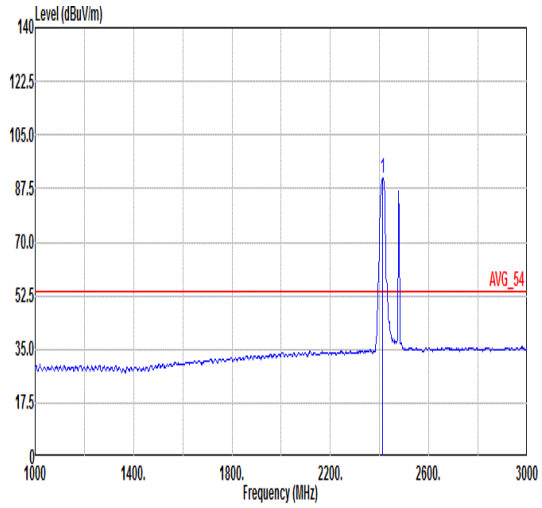
Mode	18	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH07_2442MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.88 54.09 74.00 -19.91 50.45 32.42 5.36 34.14 331 157 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2442.00 97.48 ------ ------ 93.63 32.51 5.46 34.12 331 157 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.88 39.83 54.00 -14.17 36.19 32.42 5.36 34.14 331 157 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2442.00 90.46 ------ ------ 86.67 32.50 5.41 34.12 331 157 AVERAGE

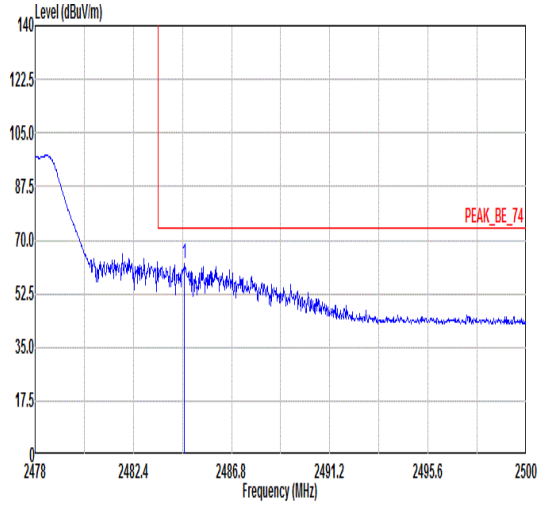
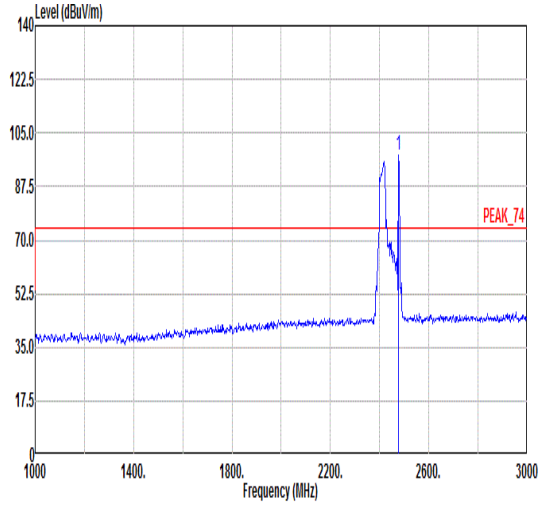
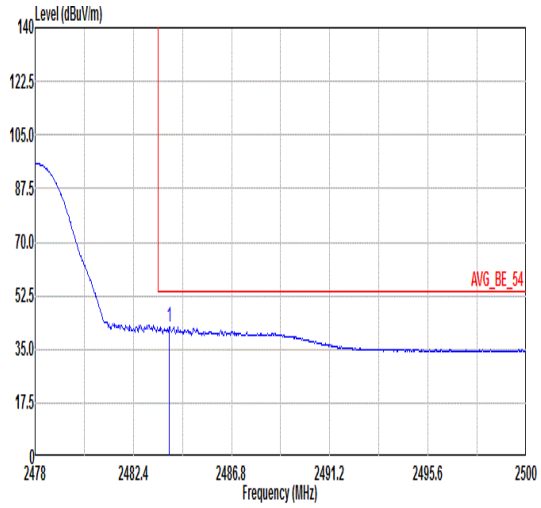
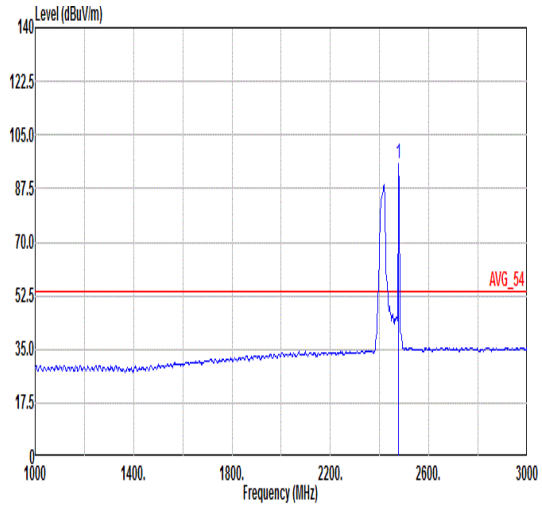
Mode	18	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH07_2442MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.62 67.43 74.00 -6.57 63.02 32.57 5.95 34.11 331 157 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 2483.56 50.24 54.00 -3.76 45.83 32.57 5.95 34.11 331 157 AVERAGE	Blank

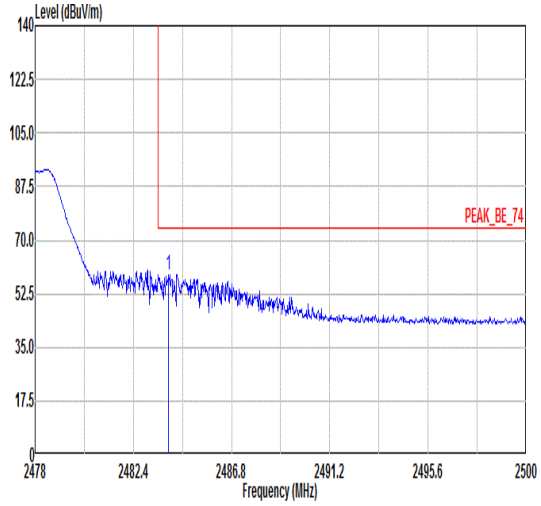
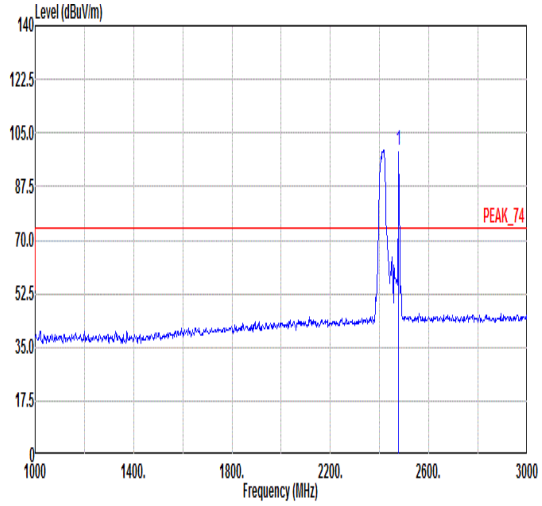
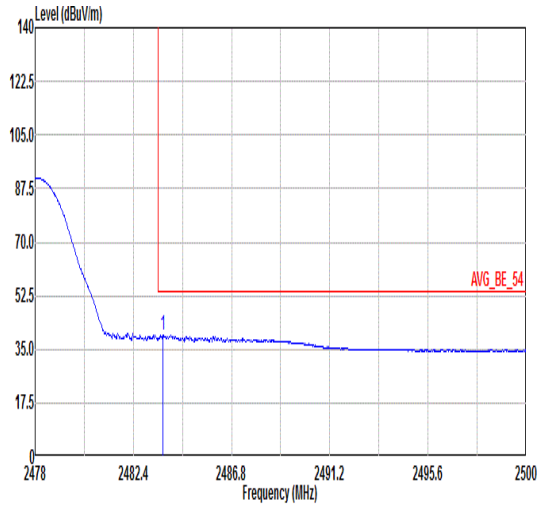
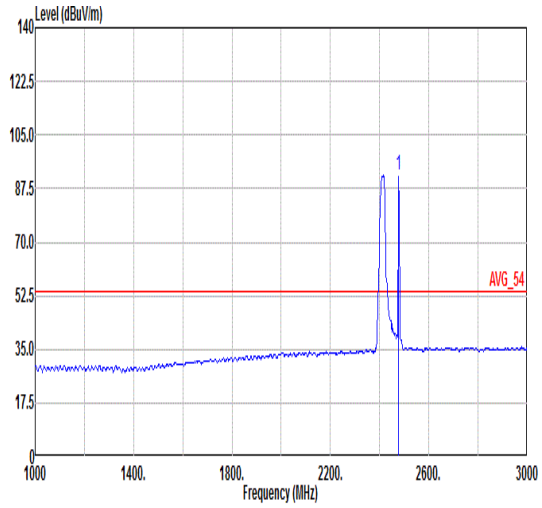
Mode	18	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH07_2442MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.25 48.87 74.00 -25.13 45.23 32.42 5.36 34.14 264 0 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2442.00 97.94 ------ ------ 94.15 32.50 5.41 34.12 264 0 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.38 36.38 54.00 -17.62 32.74 32.42 5.36 34.14 264 0 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2442.00 90.23 ------ ------ 86.44 32.50 5.41 34.12 264 0 AVERAGE

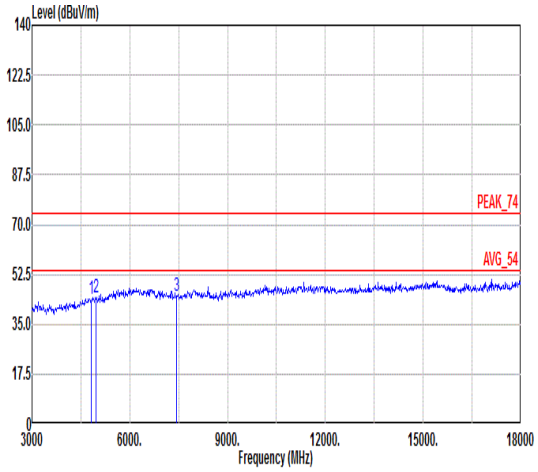
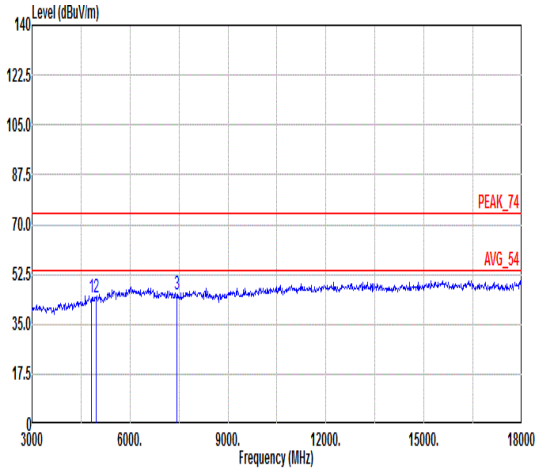
Mode	18	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH07_2442MHz	
ANT	5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dBuV dB/m dB dB cm deg 1 2483.87 64.02 74.00 -9.98 59.62 32.57 5.94 34.11 264 0 PEAK	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 2483.94 47.74 54.00 -6.26 43.34 32.57 5.94 34.11 264 0 AVERAGE	Blank

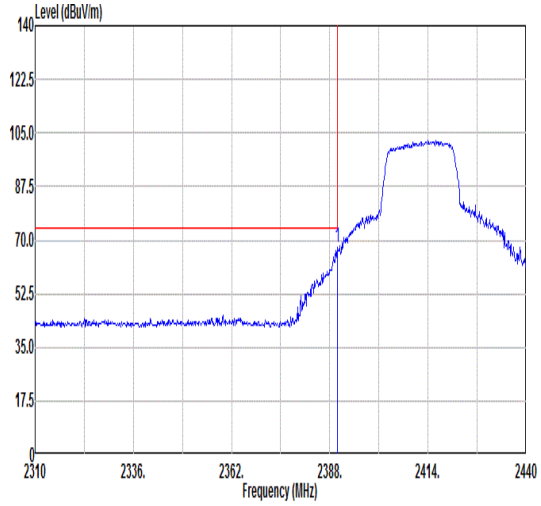
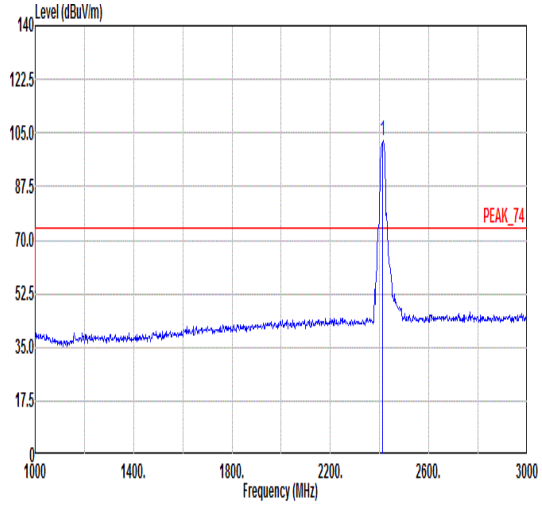
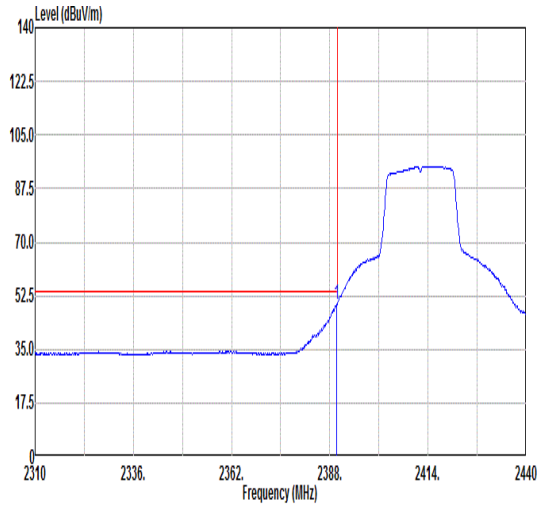
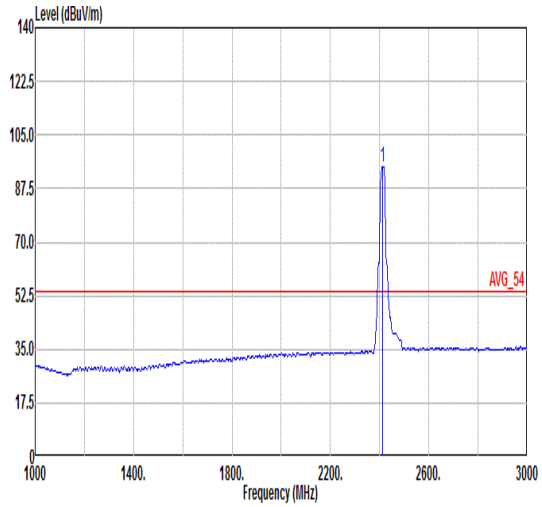
Mode	19	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz+2400-2483.5_Bluetooth-LE_CH38_2478MHz	
ANT	5+5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2389.82 69.05 74.00 -4.95 65.41 32.42 5.36 34.14 359 156 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 2412.00 102.67 ------ ------ 98.97 32.46 5.38 34.14 359 156 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 2389.69 50.75 54.00 -3.25 47.11 32.42 5.36 34.14 359 156 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 2412.00 96.03 ------ ------ 92.33 32.46 5.38 34.14 359 156 AVERAGE

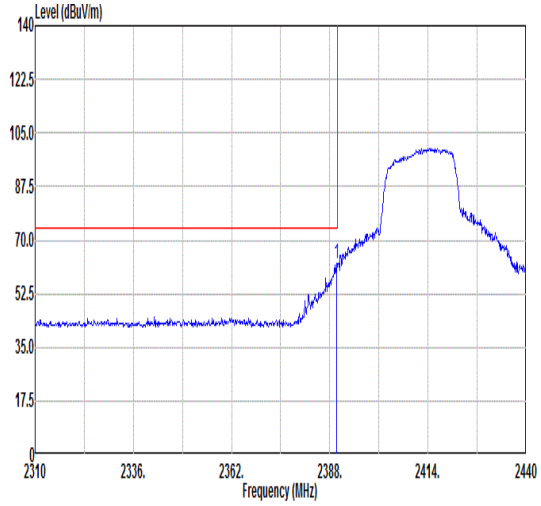
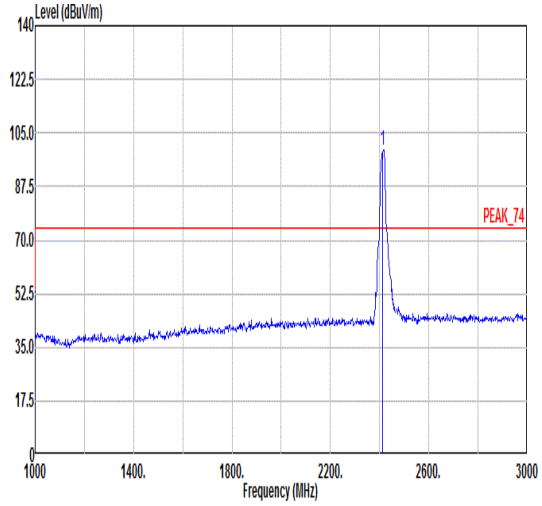
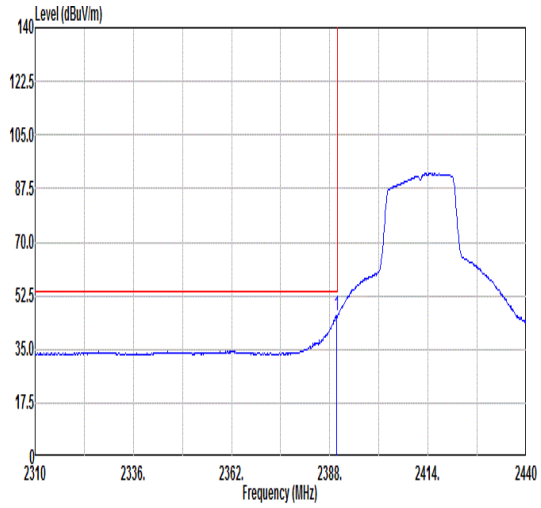
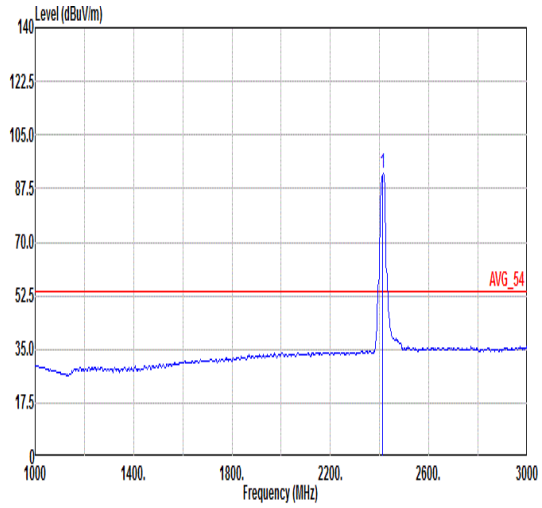
Mode	19	
	Band Edge	
	2400-2483.5_802.11g_2412MHz+2400-2483.5_Bluetooth-LE_CH38_2478MHz	
ANT	5+5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2389.95 60.95 74.00 -13.05 57.31 32.42 5.36 34.14 281 0 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 2412.00 97.62 ------ ------ 93.92 32.46 5.38 34.14 281 0 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 2389.95 44.13 54.00 -9.87 40.49 32.42 5.36 34.14 281 0 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 2412.00 90.78 ------ ------ 87.07 32.46 5.38 34.13 281 0 AVERAGE

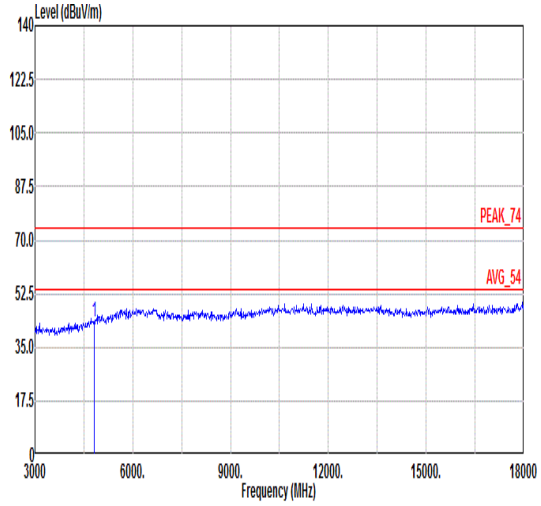
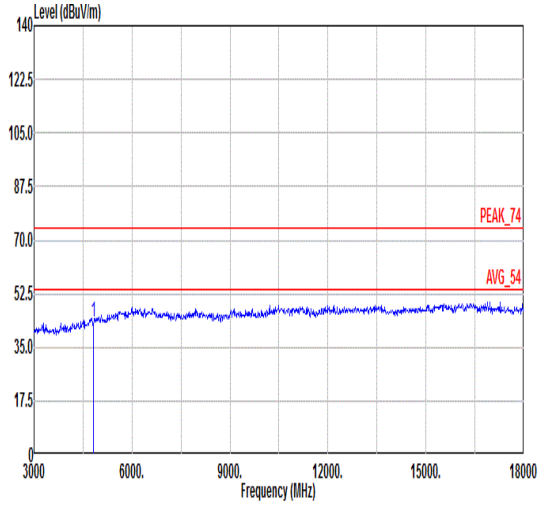
Mode	19	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz+2400-2483.5_Bluetooth-LE_CH38_2478MHz	
ANT	5+5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2484.69 62.17 74.00 -11.83 57.76 32.58 5.94 34.11 373 160 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 2478.00 97.99 ------ ------ 93.64 32.56 5.90 34.11 373 160 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 2484.01 42.22 54.00 -11.78 37.82 32.57 5.94 34.11 373 160 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 2478.00 95.58 ------ ------ 91.23 32.56 5.90 34.11 373 160 AVERAGE

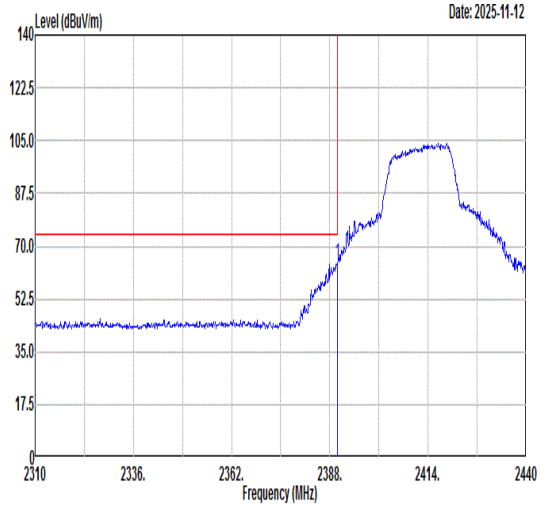
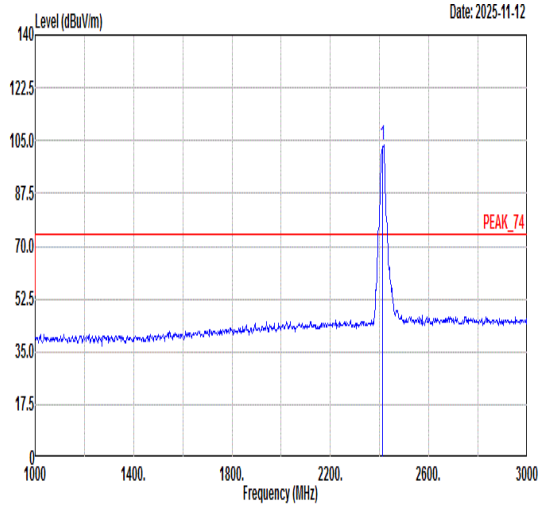
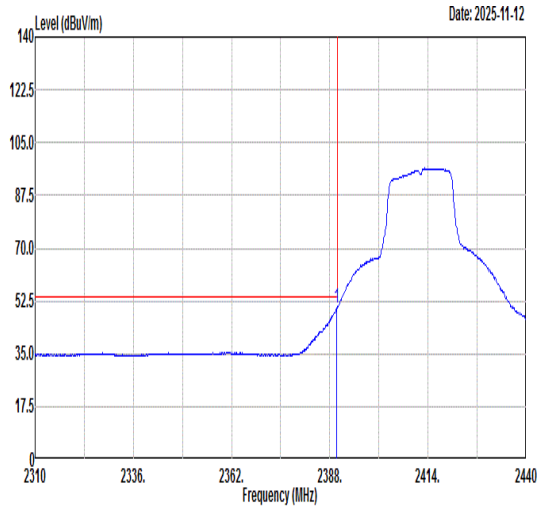
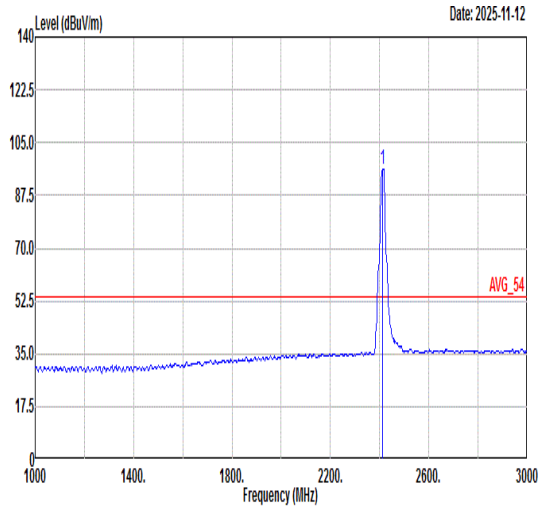
Mode	19	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz+2400-2483.5_Bluetooth-LE_CH38_2478MHz	
ANT	5+5	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2483.98 58.73 74.00 -15.27 54.33 32.57 5.94 34.11 177 186 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 2478.00 99.11 ------ ------ 95.39 32.47 5.38 34.13 177 186 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 2483.72 39.68 54.00 -14.32 35.27 32.57 5.95 34.11 177 186 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 2478.00 91.71 ------ ------ 88.00 32.46 5.38 34.13 177 186 AVERAGE

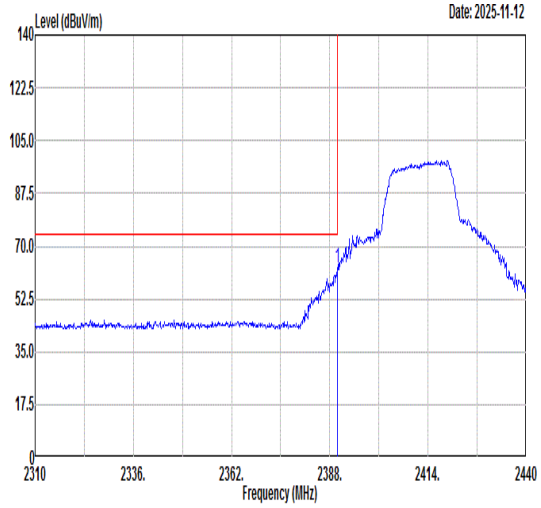
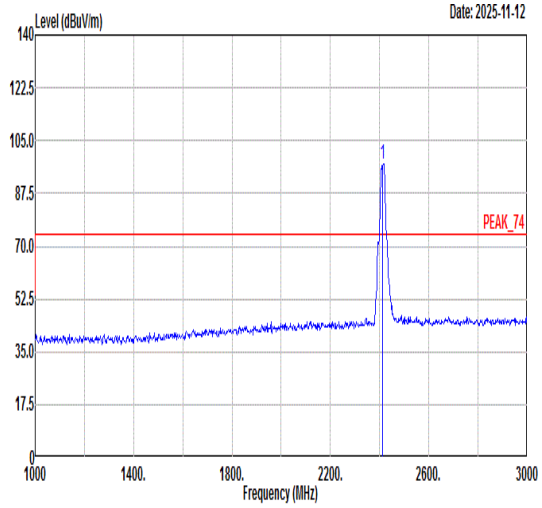
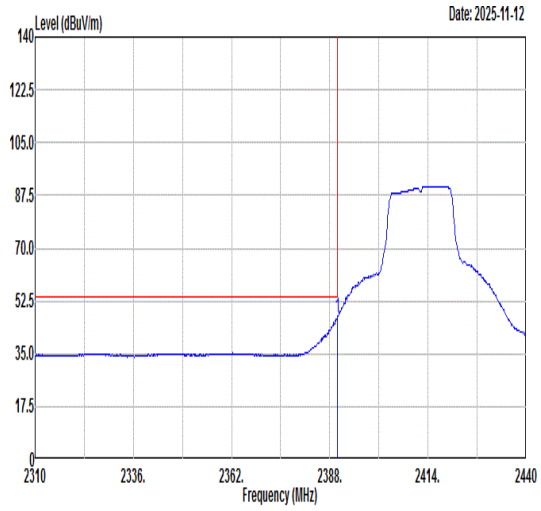
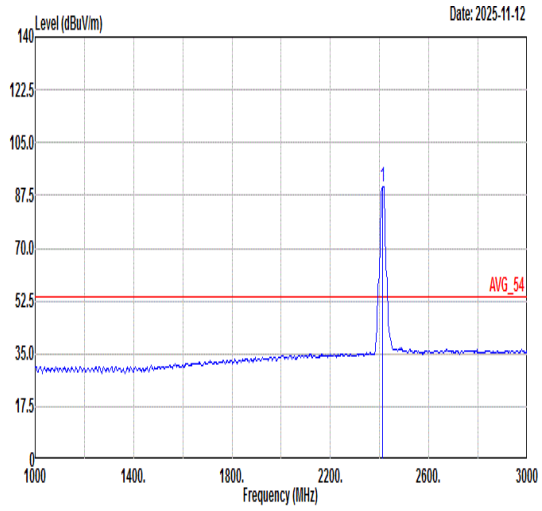
Mode	19	
	Harmonic	
	2400-2483.5_802.11g_CH01_2412MHz+2400-2483.5_Bluetooth-LE_CH38_2478MHz	
ANT	5+5	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 43.68 74.00 -30.32 52.54 35.02 8.88 52.76 --- --- Peak 2 4956.00 44.34 74.00 -29.66 53.04 35.16 8.48 52.34 --- --- Peak 3 7434.00 44.84 74.00 -29.16 50.87 36.10 10.17 52.30 --- --- 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 4824.00 44.37 74.00 -29.63 53.23 35.02 8.88 52.76 --- --- Peak 2 4956.00 44.42 74.00 -29.58 53.12 35.16 8.48 52.34 --- --- Peak 3 7434.00 45.43 74.00 -28.57 51.46 36.10 10.17 52.30 --- --- Peak

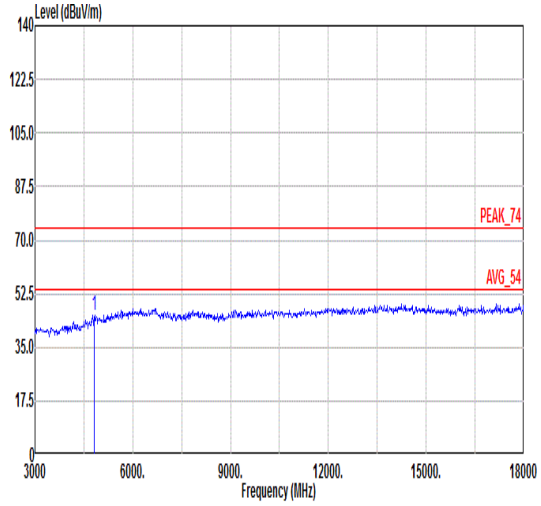
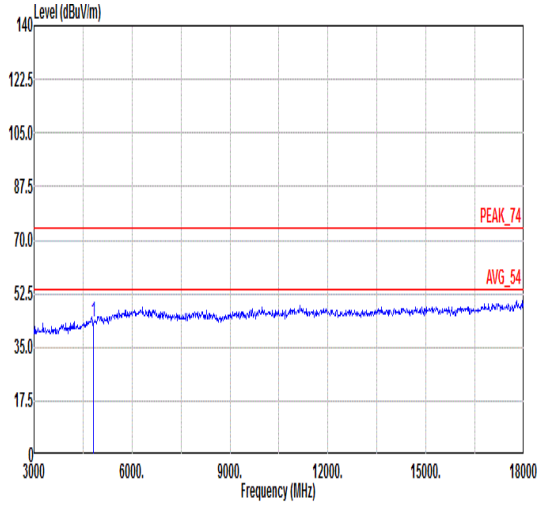
Mode	20	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz+LTE B13 LINK	
ANT	5+0	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.95 67.38 74.00 -6.62 63.74 32.42 5.36 34.14 162 41 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 102.65 ------ ------ 98.93 32.47 5.38 34.13 162 41 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.82 49.91 54.00 -4.09 46.27 32.42 5.36 34.14 162 41 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 94.72 ------ ------ 91.01 32.46 5.38 34.13 162 41 AVERAGE

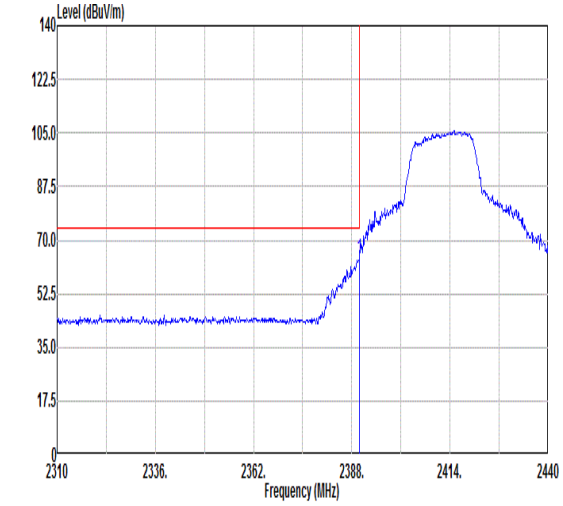
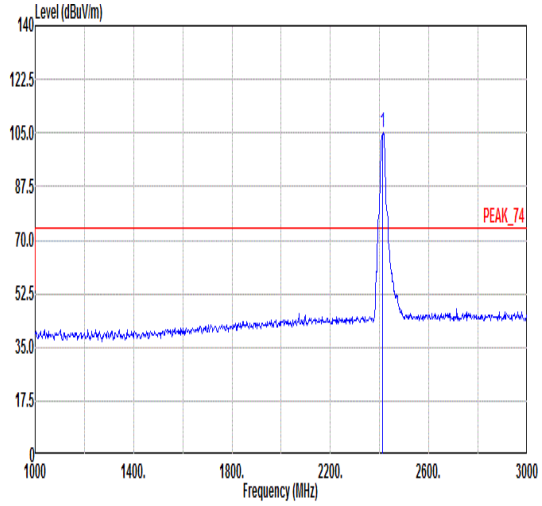
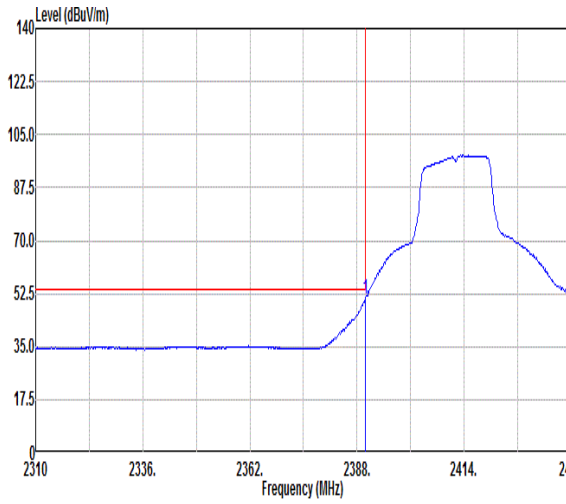
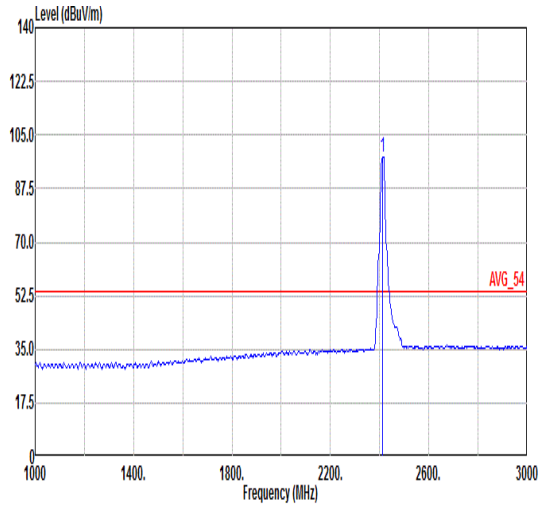
Mode	20	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz+LTE B13 LINK	
ANT	5+0	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2389.82 62.49 74.00 -11.51 58.85 32.42 5.36 34.14 118 181 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 2412.00 99.50 ------ ------ 95.77 32.47 5.39 34.13 118 181 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 2389.82 46.11 54.00 -7.89 42.47 32.42 5.36 34.14 118 181 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 2412.00 92.27 ------ ------ 88.56 32.46 5.38 34.13 118 181 AVERAGE

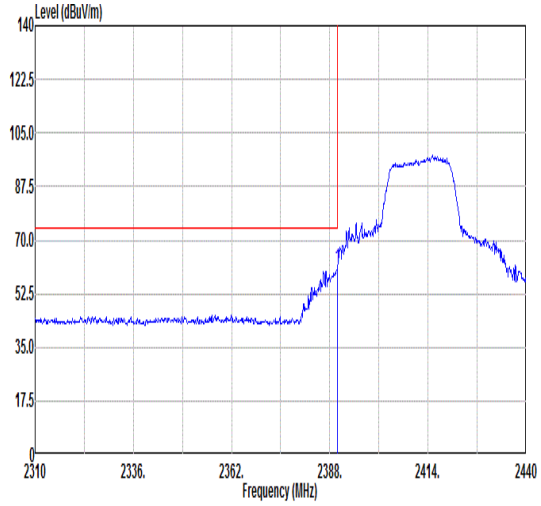
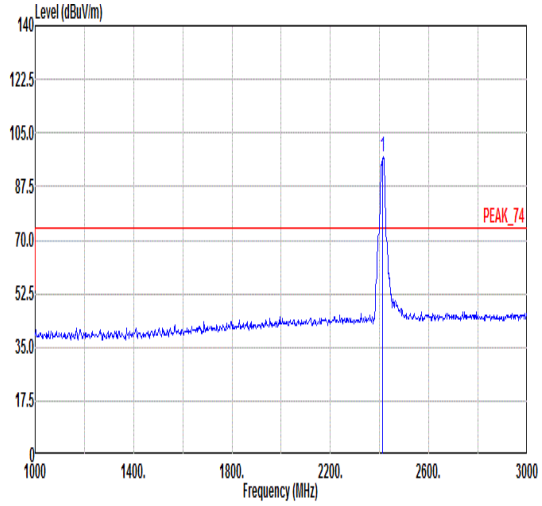
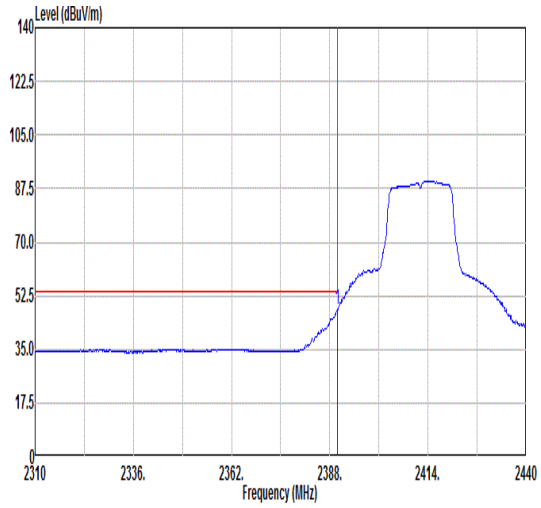
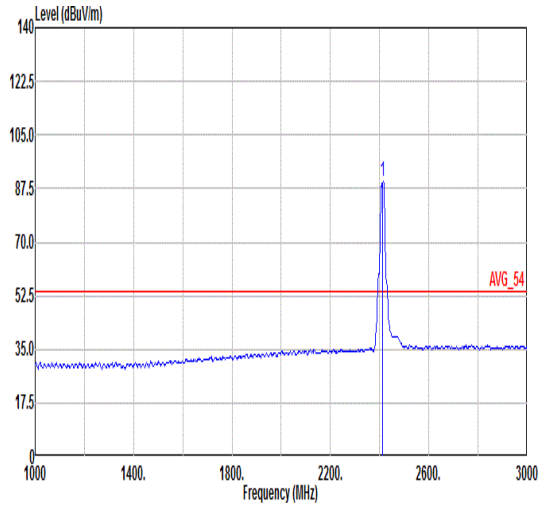
Mode	20	
	Harmonic	
	2400-2483.5_802.11g_CH01_2412MHz+LTE B13 LINK	
ANT	5+0	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 43.31 74.00 -30.69 52.17 35.02 8.88 52.76 --- --- 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 4824.00 43.56 74.00 -30.44 52.42 35.02 8.88 52.76 --- --- Peak

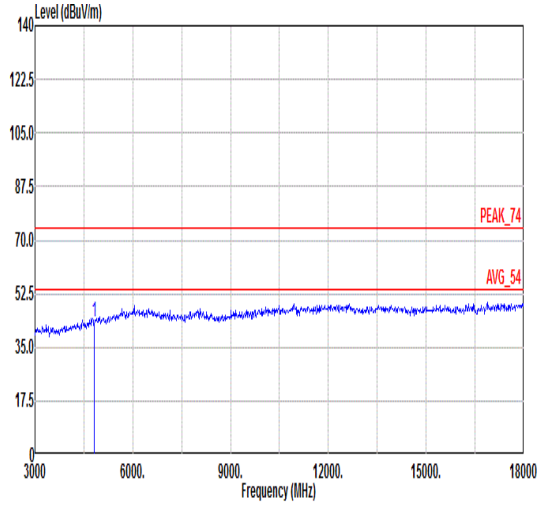
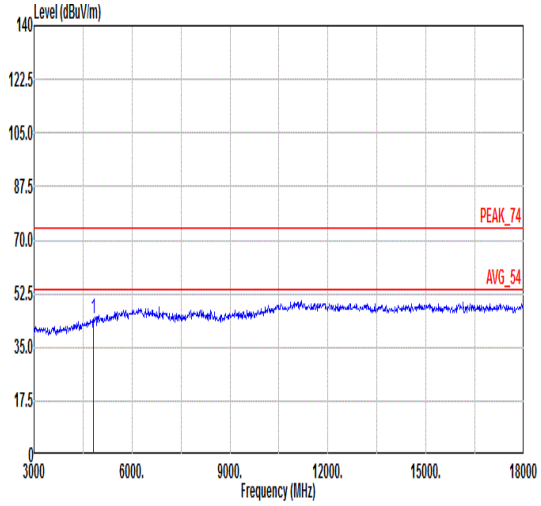
Mode	21	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	5	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.95 64.65 74.00 -9.35 61.01 32.42 5.36 34.14 120 58 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 103.32 ------ ------ 99.59 32.47 5.39 34.13 120 58 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.82 50.15 54.00 -3.85 46.51 32.42 5.36 34.14 120 58 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 96.28 ------ ------ 92.57 32.46 5.38 34.13 120 58 AVERAGE

Mode	21	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	5	
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 62.87 74.00 -11.13 59.23 32.42 5.36 34.14 400 28 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 97.35 ------ ------ 93.64 32.46 5.38 34.13 400 28 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 46.90 54.00 -7.10 43.26 32.42 5.36 34.14 400 28 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 90.46 ------ ------ 86.75 32.46 5.38 34.13 400 28 AVERAGE

Mode	21	
	Harmonic	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	5	
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 45.35 74.00 -28.65 54.21 35.02 8.88 52.76 --- --- 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 4824.00 43.41 74.00 -30.59 52.27 35.02 8.88 52.76 --- --- Peak

Mode	22	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	5	
Pol.	Horizontal	Fundamental
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 2389.95 63.81 74.00 -10.19 60.17 32.42 5.36 34.14 355 160 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 2412.00 105.08 ------ ------ 101.37 32.46 5.38 34.13 355 160 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 2389.95 50.74 54.00 -3.26 47.10 32.42 5.36 34.14 355 160 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 2412.00 97.77 ------ ------ 94.06 32.46 5.38 34.13 355 160 AVERAGE

Mode	22	
	Band Edge	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	5	
Pol.	Vertical	Fundamental
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 2389.95 60.95 74.00 -13.05 57.31 32.42 5.36 34.14 400 62 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 2412.00 97.44 ------ ------ 93.73 32.46 5.38 34.13 400 62 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 2389.95 48.01 54.00 -5.99 44.37 32.42 5.36 34.14 400 62 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 2412.00 89.72 ------ ------ 86.01 32.46 5.38 34.13 400 62 AVERAGE

Mode	22	
	Harmonic	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	5	
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 43.37 74.00 -30.63 52.23 35.02 8.88 52.76 --- --- 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 4824.00 44.13 74.00 -29.87 52.99 35.02 8.88 52.76 --- --- Peak

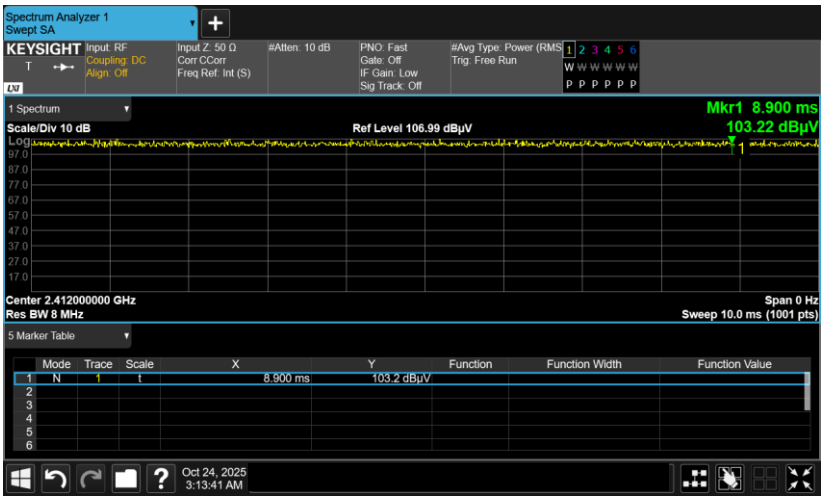
Note: For all plots above, the over limit line signals are Fundamental signal which can be ignored.

Appendix B. Duty Cycle Plots

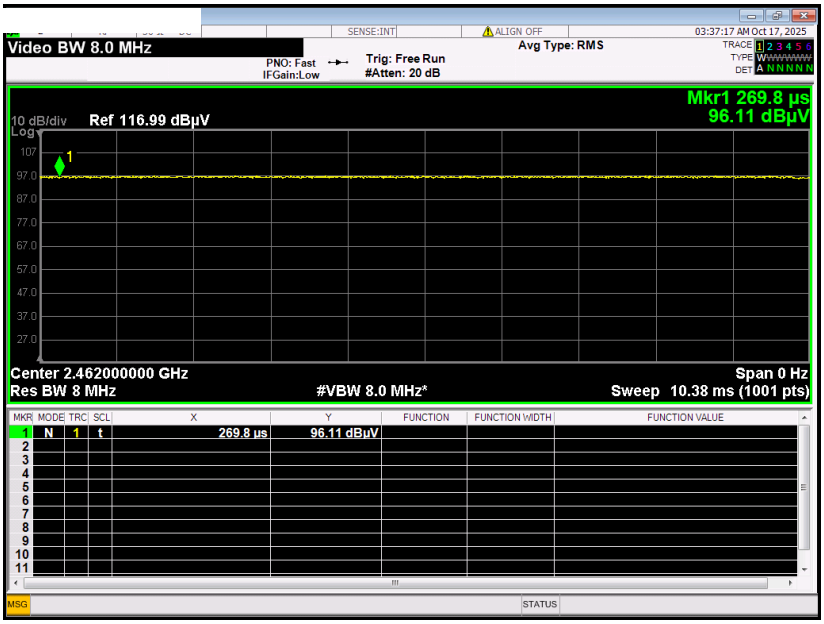
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11b	100	-	-	10Hz
802.11g	100	-	-	10Hz
802.11n HT20	100	-	-	10Hz
802.11n HT40	100	-	-	10Hz

802.11b

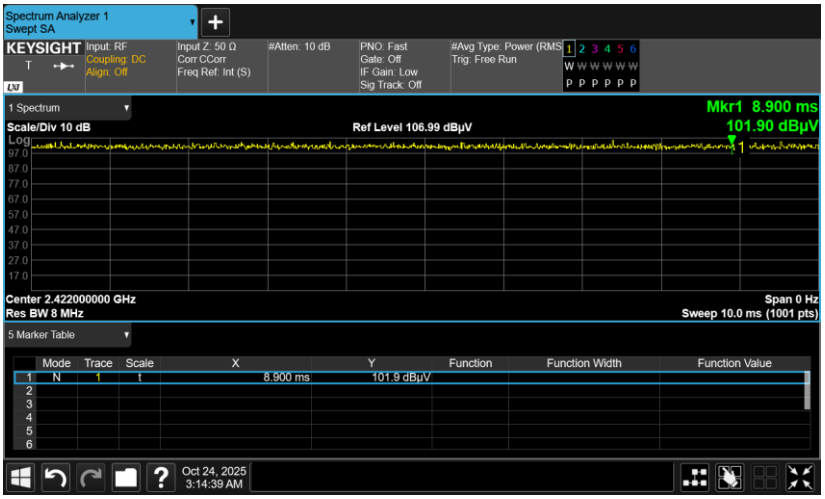
802.11g



802.11n HT20



802.11n HT40


Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Off
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
#Atten: 10 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Trig: Free Run
1 Spectrum
Mkr1 8.900 ms
101.90 dBµV
Scale/Div 10 dB
Ref Level 106.99 dBµV
Center 2.422000000 GHz
Res BW 8 MHz
Span 0 Hz
Sweep 10.0 ms (1001 pts)
5 Marker Table
Mode Trace Scale X Y Function Function Width Function Value
1 N 1 t 8.900 ms 101.9 dBµV
Oct 24, 2025
3:14:39 AM