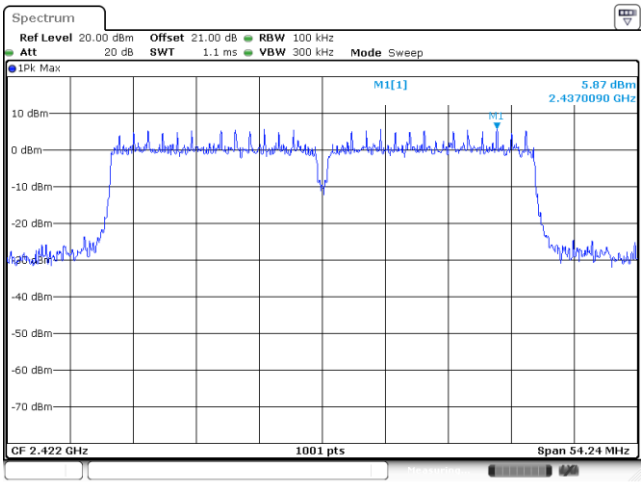
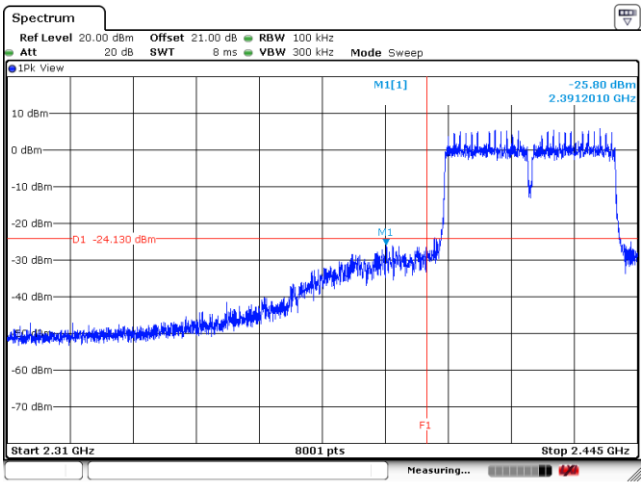
Test Mode :	802.11n HT40	Test Channel :	03

100kHz PSD reference Level	Channel Plot
	
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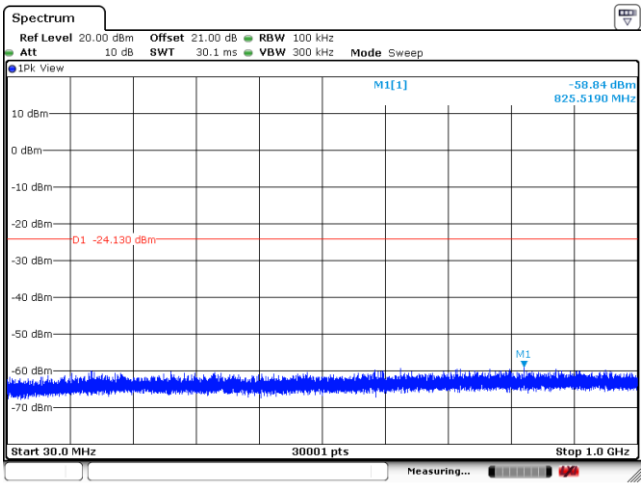
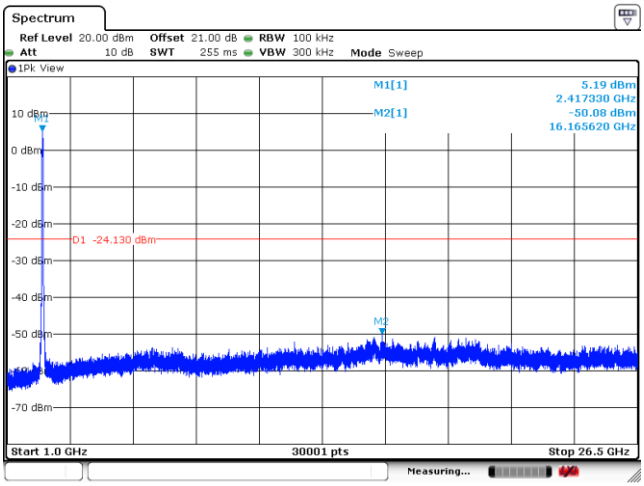
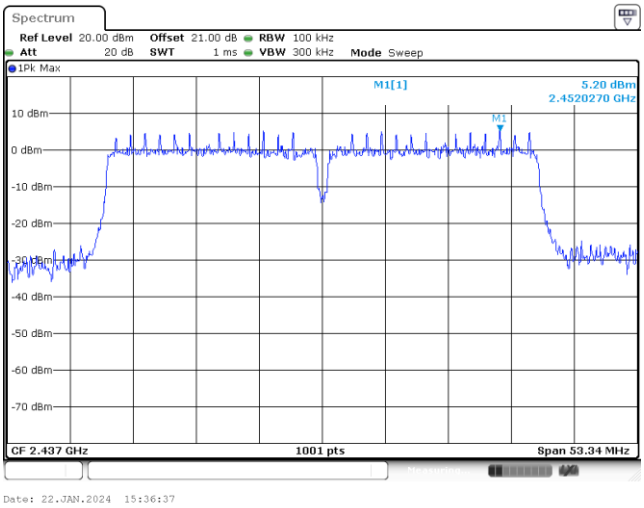
	

Test Mode :	802.11n HT40	Test Channel :	06

100kHz PSD reference Level	
	

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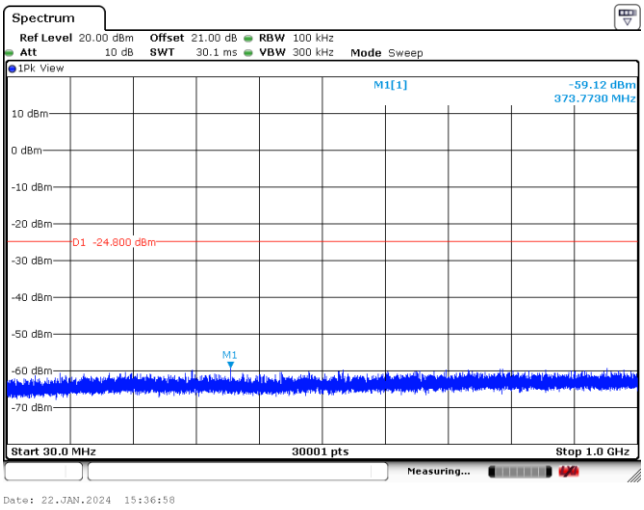
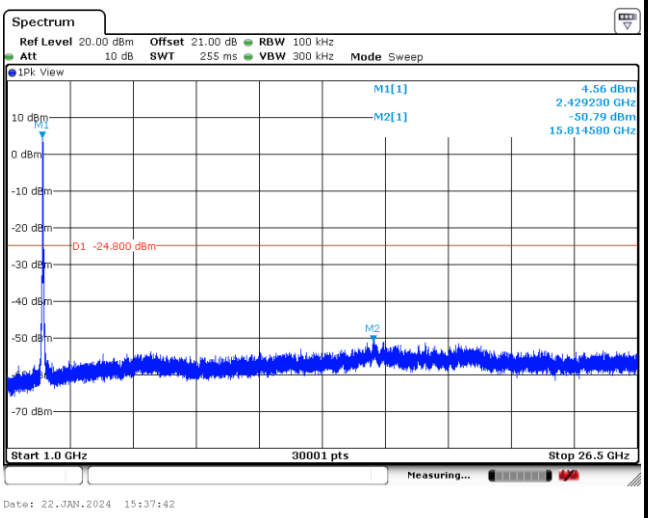
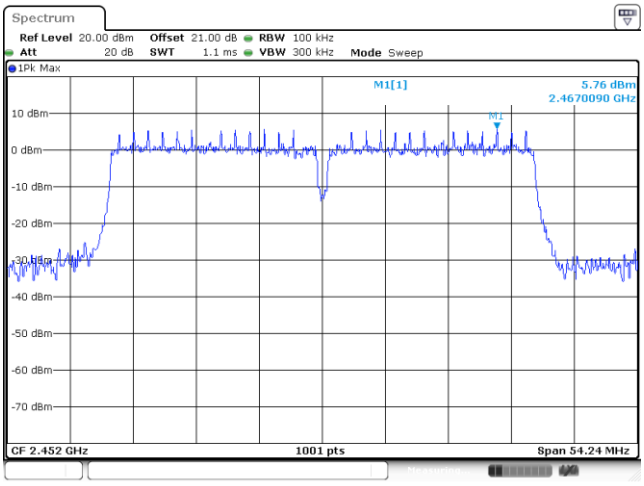
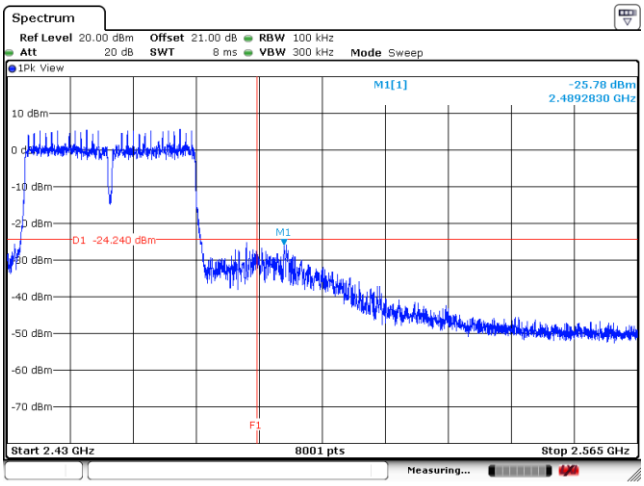
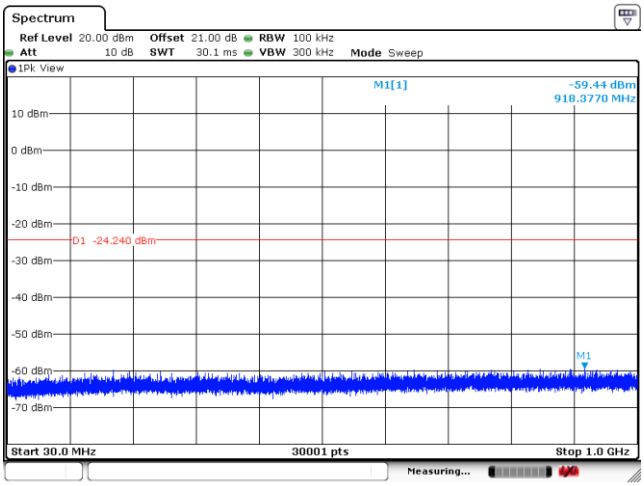
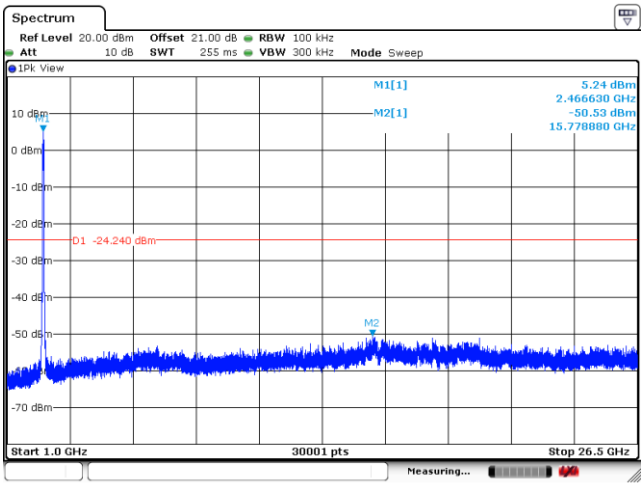
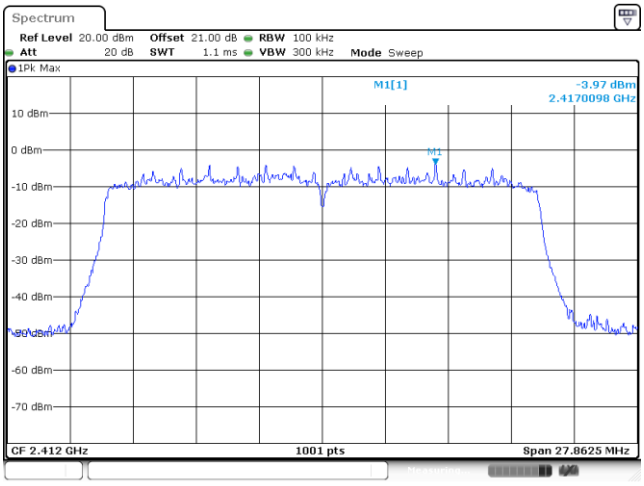
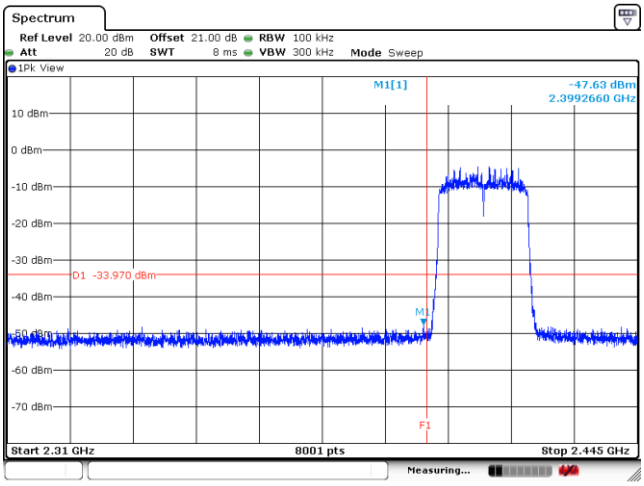
	

Test Mode :	802.11n HT40	Test Channel :	09

100kHz PSD reference Level	Channel Plot
	
Spurious Emission Plot-1	**Spurious Emission Plot-2**
	

Test Mode :	802.11ax HE20	Test Channel :	01

100kHz PSD reference Level	Channel Plot
	
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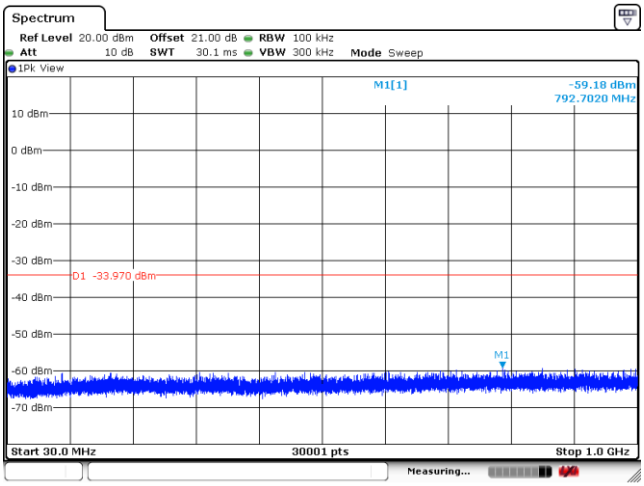
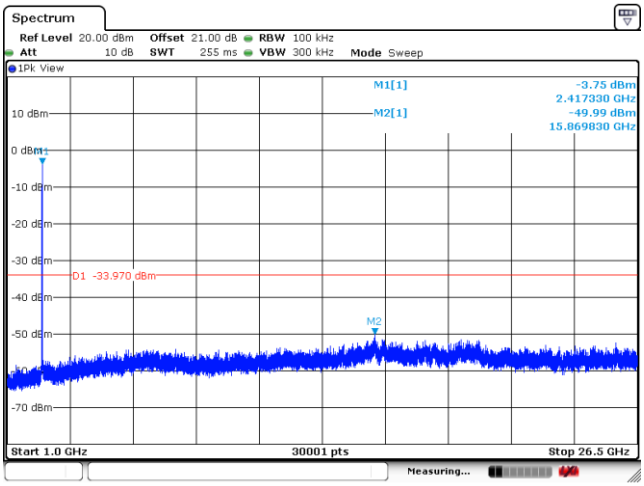
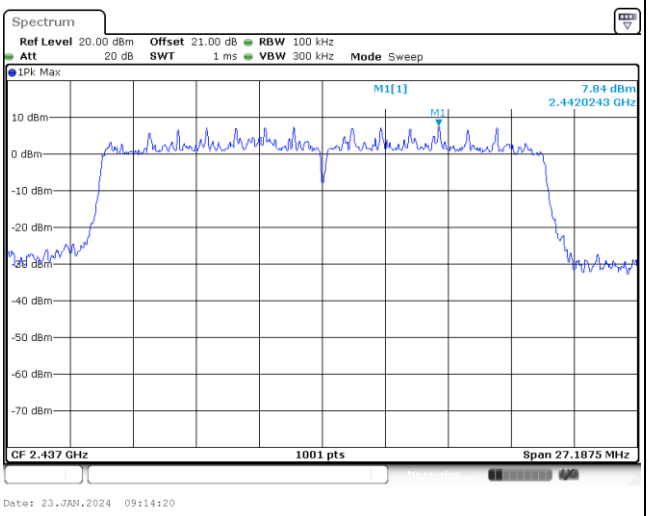
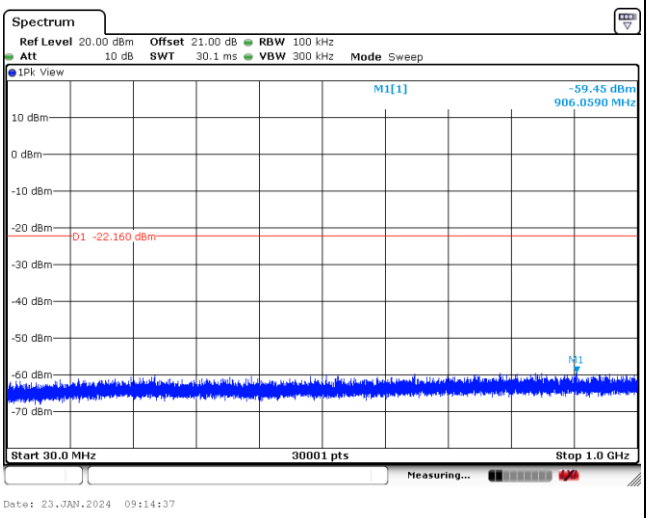
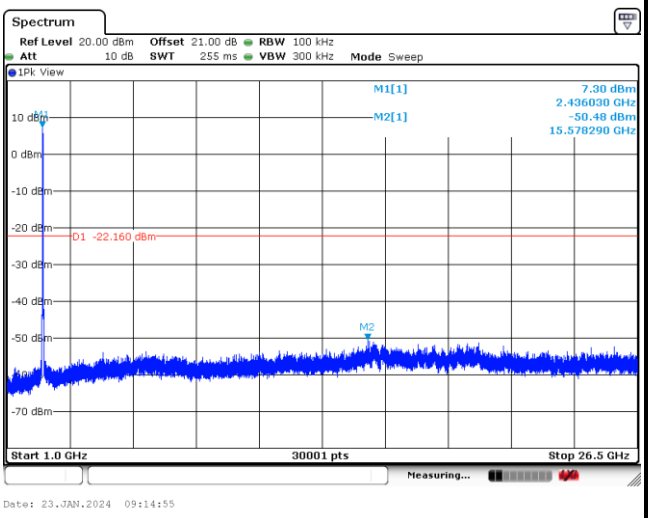
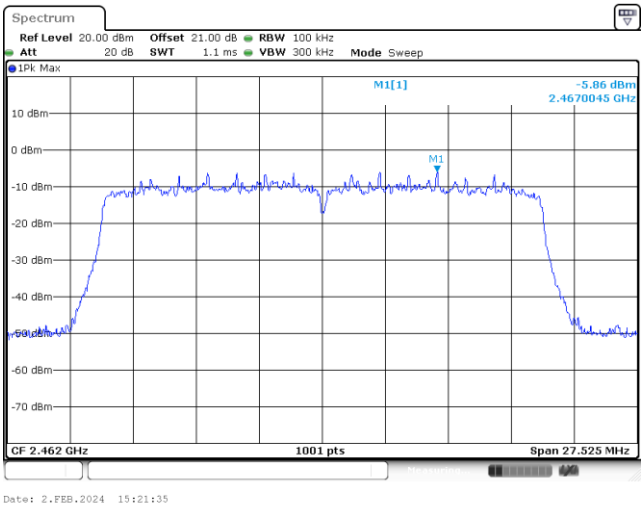
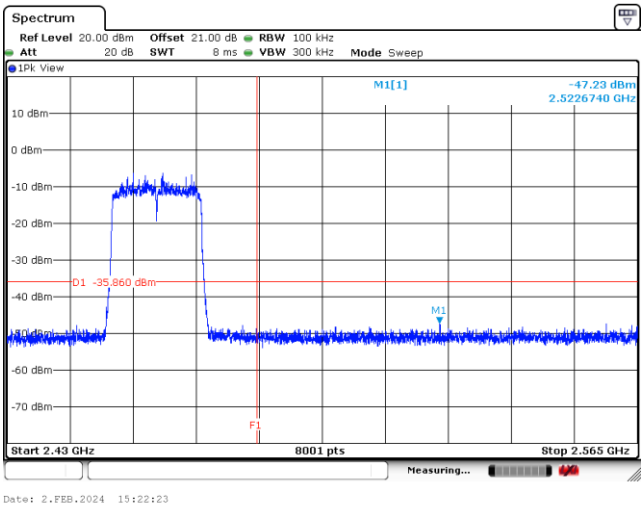
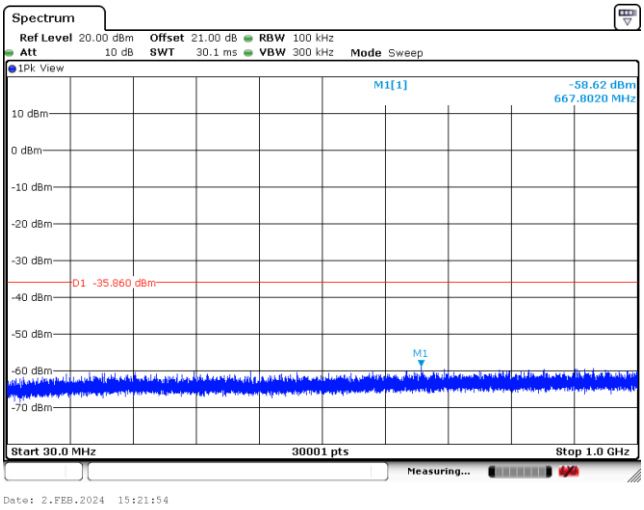
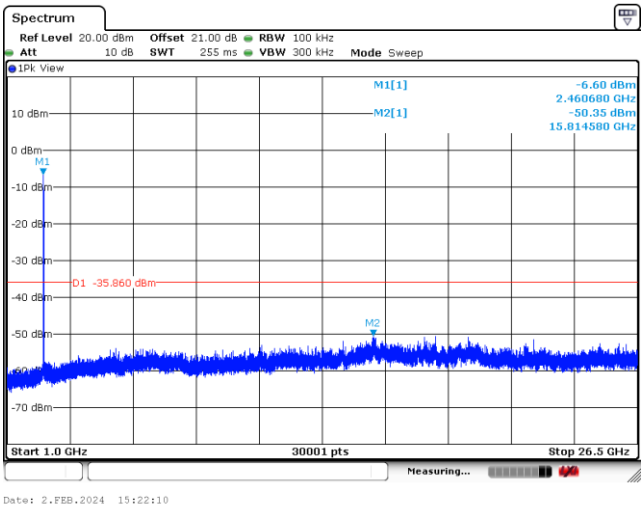
	

Test Mode :	802.11ax HE20	Test Channel :	06

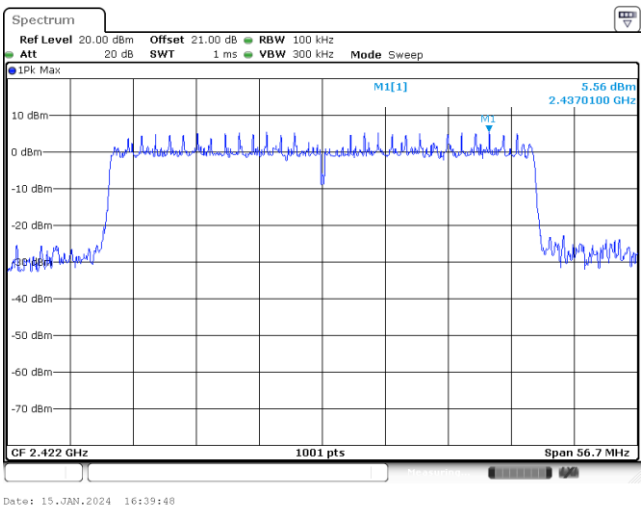
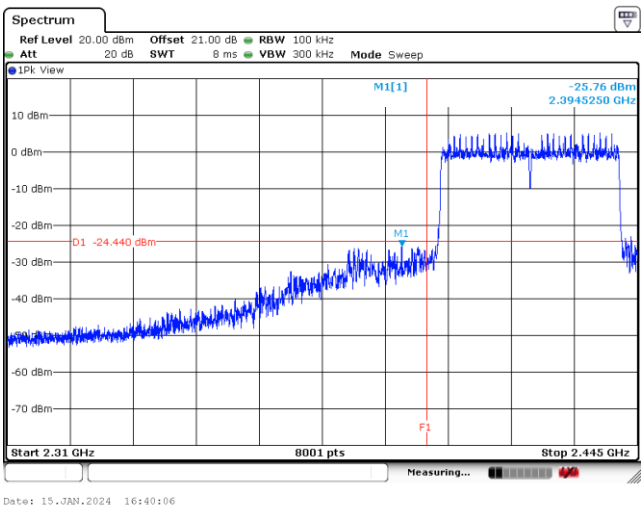
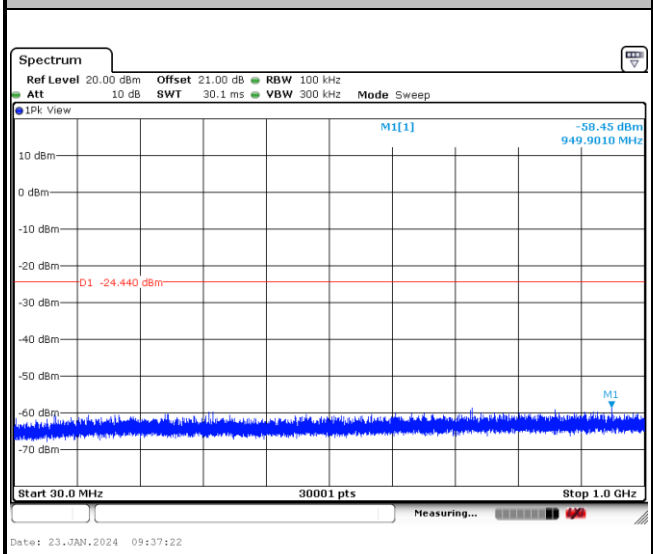
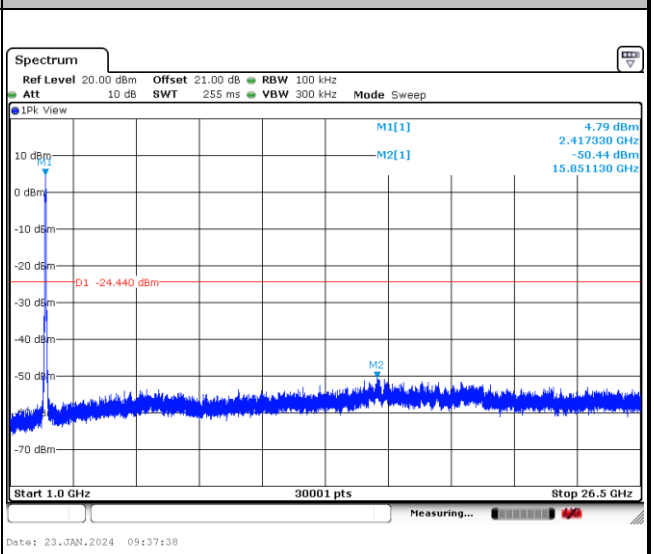
100kHz PSD reference Level	
	

Spurious Emission Plot-1	Spurious Emission Plot-2
	

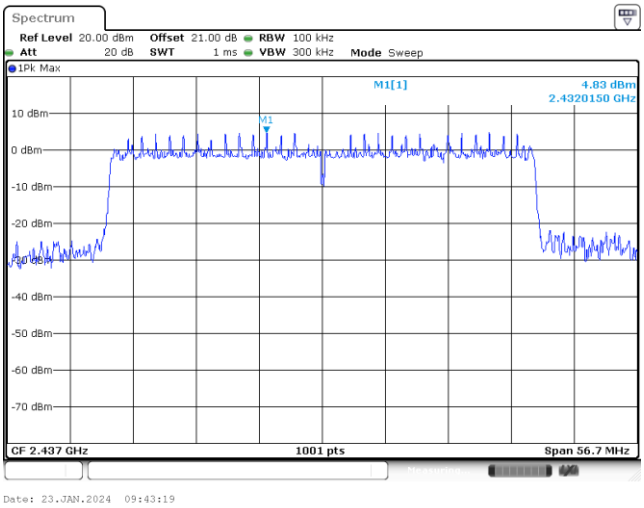
Test Mode :	802.11ax HE20	Test Channel :	11

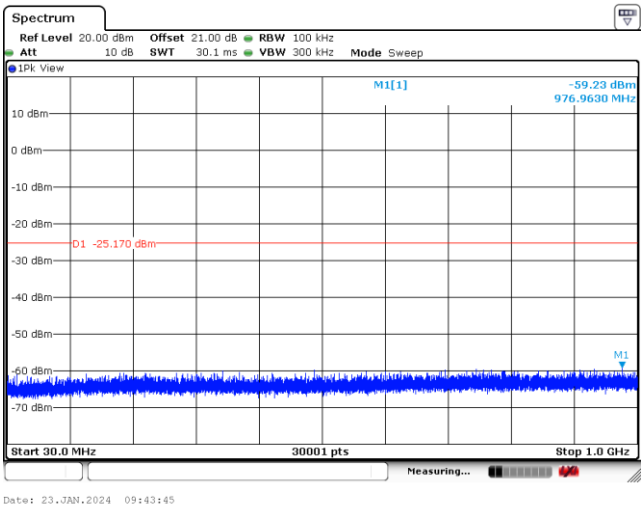
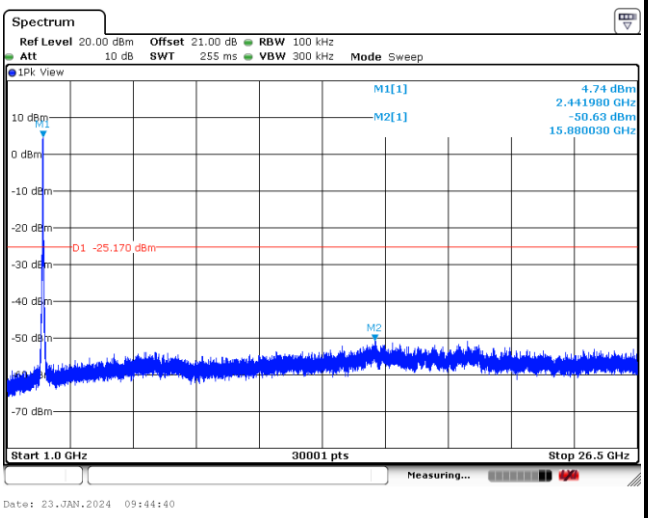
100kHz PSD reference Level	Channel Plot
	
Spurious Emission Plot-1	**Spurious Emission Plot-2**
	

Test Mode :	802.11ax HE40	Test Channel :	03

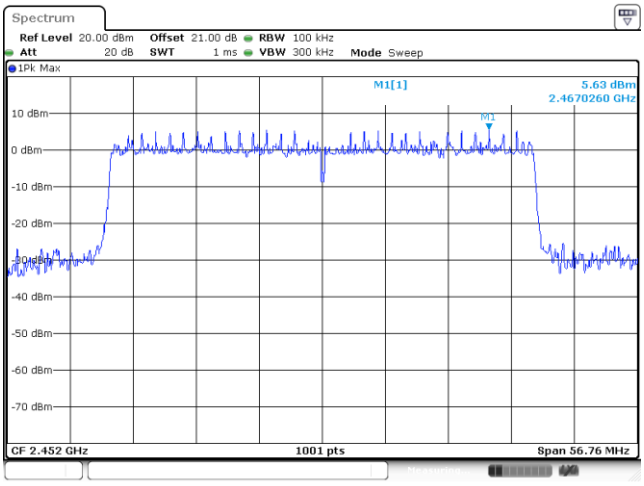
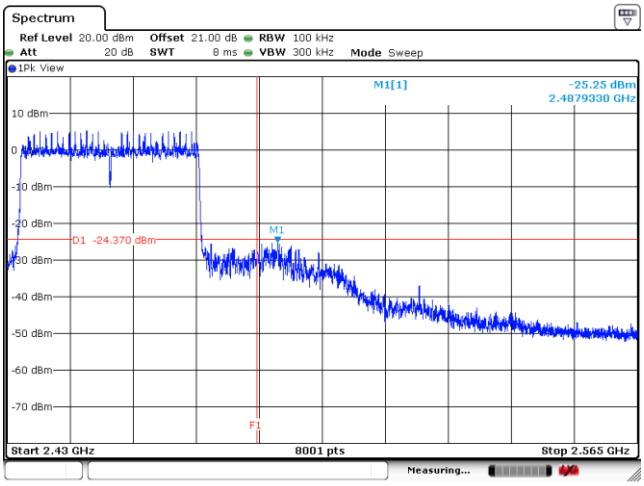
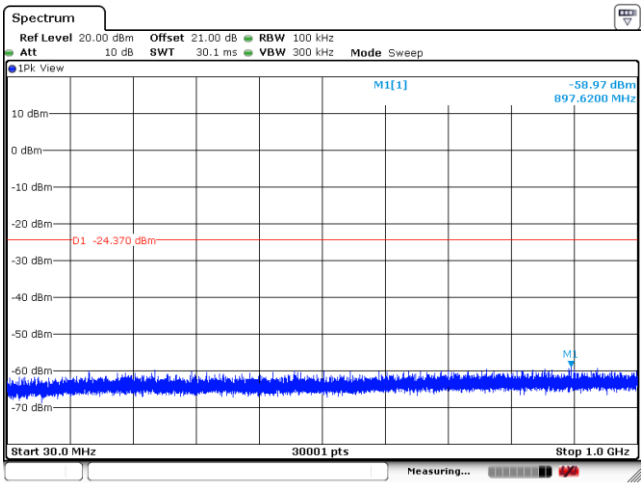
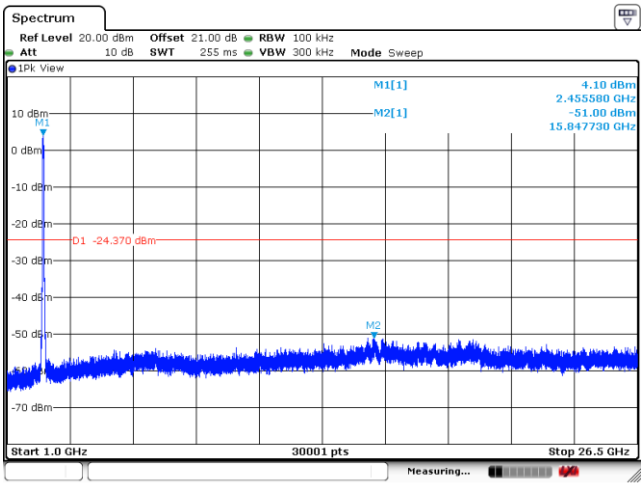
100kHz PSD reference Level	Channel Plot
	
Spurious Emission Plot-1	**Spurious Emission Plot-2**
	

Test Mode :	802.11ax HE40	Test Channel :	06

100kHz PSD reference Level	
	

Spurious Emission Plot-1	Spurious Emission Plot-2
	

Test Mode :	802.11ax HE40	Test Channel :	09

100kHz PSD reference Level	Channel Plot
	
Spurious Emission Plot-1	**Spurious Emission Plot-2**
	

3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 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

3.5.2 Measuring Instruments

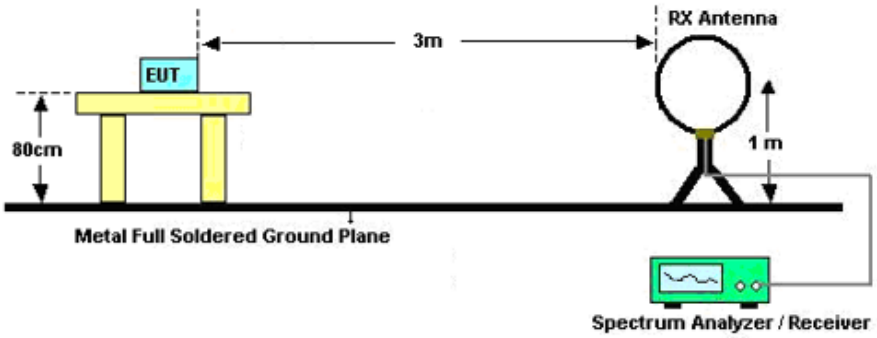
The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

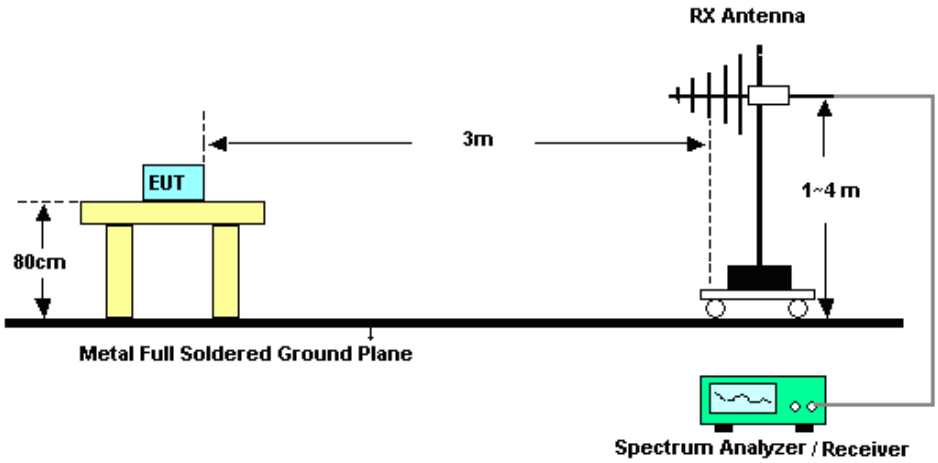
1. The testing follows ANSI C63.10-2013 clause 11.11 & 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
   (3) Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement.
   For average measurement:
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.5.4 Test Setup

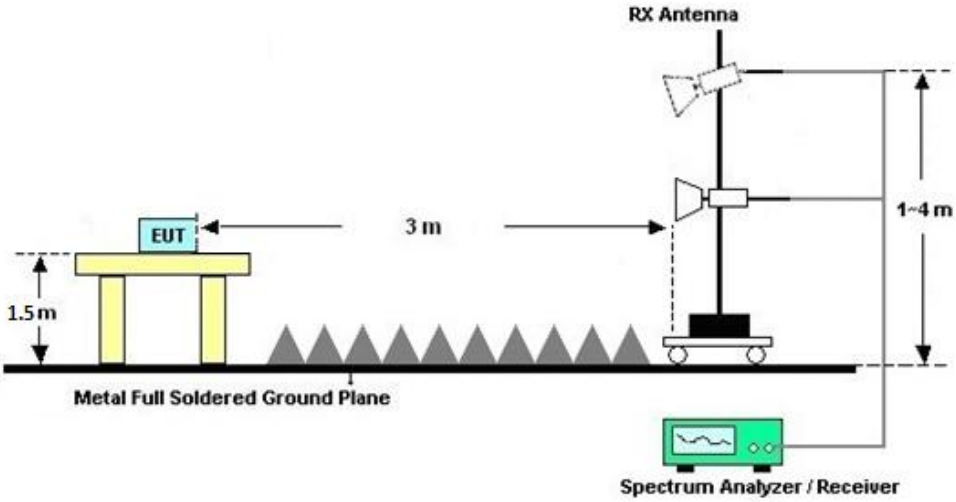
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.5.5 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.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.5.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

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

Frequency of Emission (MHz)	Conducted Limit (dBµV)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

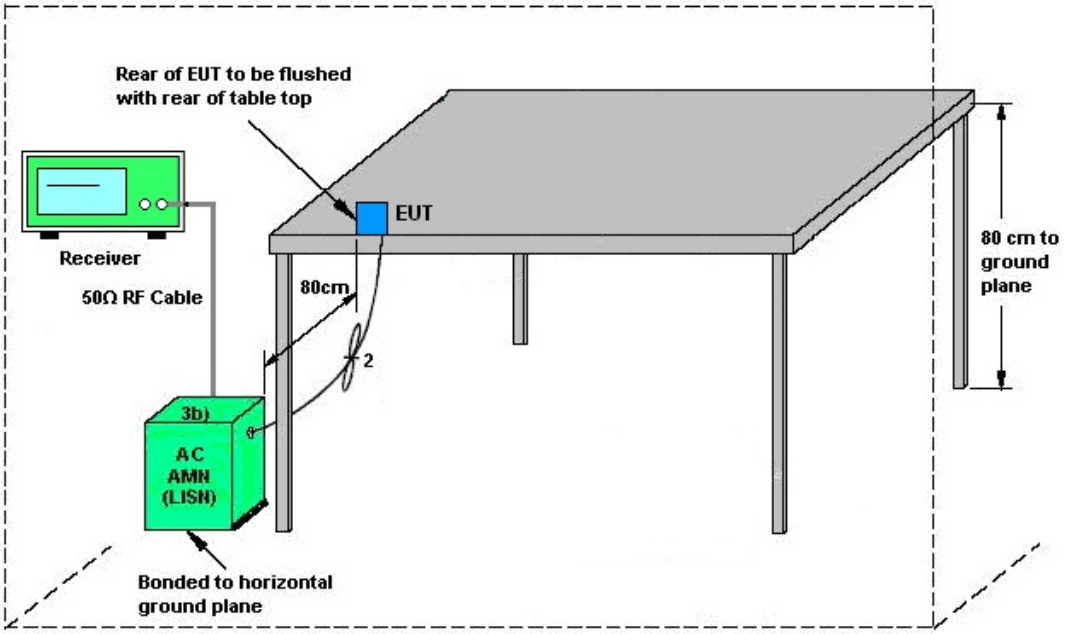
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF bandwidth = 9kHz) with Maximum Hold Mode.

3.6.4 Test Setup



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

3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 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.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log(N_{ANT}/N_{SS}=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain “DG” is calculated as following table.

<CDD Modes>

	Ant. 0 (dBi)	Ant. 1 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
2.4 GHz	-0.10	-0.10	-0.10	2.91	0.00	0.00

Power Limit Reduction = DG(Power) – 6dBi, (min = 0)

PSD Limit Reduction = DG(PSD) – 6dBi, (min = 0)

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 06, 2023	Jan. 15, 2024~ Feb. 06, 2024	Apr. 05, 2024	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 29, 2023	Jan. 15, 2024~ Feb. 06, 2024	Dec. 28, 2024	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Aug. 21, 2023	Jan. 15, 2024~ Feb. 06, 2024	Aug. 20, 2024	Conducted (TH01-SZ)
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Oct. 18, 2023	Jan. 16, 2024~ Feb. 26, 2024	Oct. 17, 2024	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 07, 2023	Jan. 16, 2024~ Feb. 26, 2024	Jul. 06, 2024	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jun. 28, 2022	Jan. 16, 2024~ Feb. 26, 2024	Jun. 27, 2024	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	May 14, 2023	Jan. 16, 2024~ Feb. 26, 2024	May 13, 2024	Radiation (03CH04-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1474	1GHz~18GHz	Jul. 07, 2023	Jan. 16, 2024~ Feb. 26, 2024	Jul. 06, 2024	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Jul. 08, 2023	Jan. 16, 2024~ Feb. 26, 2024	Jul. 07, 2024	Radiation (03CH04-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz ~3000MHz	Oct. 18, 2023	Jan. 16, 2024~ Feb. 26, 2024	Oct. 17, 2024	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 18, 2023	Jan. 16, 2024~ Feb. 26, 2024	Oct. 17, 2024	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 07, 2023	Jan. 16, 2024~ Feb. 26, 2024	Jul. 06, 2024	Radiation (03CH04-SZ)
Amplifier	Agilent Technologies	83017A	MY57280136	500MHz~26.5GHz	Aug. 21, 2023	Jan. 16, 2024~ Feb. 26, 2024	Aug. 20, 2024	Radiation (03CH04-SZ)
AC Power Source	APC	AFV-S-600B	F119050019	N/A	Oct. 18, 2023	Jan. 16, 2024~ Feb. 26, 2024	Oct. 17, 2024	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jan. 16, 2024~ Feb. 26, 2024	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jan. 16, 2024~ Feb. 26, 2024	NCR	Radiation (03CH04-SZ)
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	May 16, 2023	Jan. 09, 2024	May 15, 2024	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 11, 2023	Jan. 09, 2024	Oct. 10, 2024	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060105	9kHz~30MHz	May 16, 2023	Jan. 09, 2024	May 15, 2024	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 11, 2023	Jan. 09, 2024	Oct. 10, 2024	Conduction (CO01-KS)

NCR: No Calibration Required

5 Measurement Uncertainty

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

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Spurious Emission & Bandedge	±1.34 dB
Occupied Channel Bandwidth	±0.1 %
Conducted Power	±1.34 dB
Conducted Power Spectral Density	±1.32 dB
Frequency	±1.3 Hz

Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.84 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. Conducted Test Results

A1. Conducted Test Results

Test Engineer:	Chen ZhiQiang	Temperature:	21~25	°C
Test Date:	2024/1/15~2024/2/6	Relative Humidity:	51~54	%

Report Number : FR3D2611C

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																		
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	
					Ant0	Ant1	SUM	Ant0	Ant1	Ant0	Ant1	Ant0	Ant1	Ant0	Ant1		Ant 0	Ant 1
11b	1Mbps	2	1	2412	19.90	20.00	22.96	30.00		-0.10		22.86		36.00		Pass	Patha=10	
11b	1Mbps	2	6	2437	19.90	19.90	22.91	30.00		-0.10		22.81		36.00		Pass	Patha=10	
11b	1Mbps	2	11	2462	18.70	18.70	21.71	30.00		-0.10		21.61		36.00		Pass	Patha=20	
11g	6Mbps	2	1	2412	16.50	16.40	19.46	30.00		-0.10		19.36		36.00		Pass	Patha=30	
11g	6Mbps	2	2	2417	17.00	17.00	20.01	30.00		-0.10		19.91		36.00		Pass	Patha=25	
11g	6Mbps	2	6	2437	19.80	19.60	22.71	30.00		-0.10		22.61		36.00		Pass	Patha=5	
11g	6Mbps	2	10	2457	17.50	17.50	20.51	30.00		-0.10		20.41		36.00		Pass	Patha=20	
11g	6Mbps	2	11	2462	15.80	15.70	18.76	30.00		-0.10		18.66		36.00		Pass	Patha=35	
HT20	MCS0	2	1	2412	11.30	11.20	14.26	30.00		-0.10		14.16		36.00		Pass	Patha=70	
HT20	MCS0	2	2	2417	14.90	14.90	17.91	30.00		-0.10		17.81		36.00		Pass	Patha=40	
HT20	MCS0	2	3	2422	16.10	25.90	26.33	30.00		-0.10		26.23		36.00		Pass	Patha=30	
HT20	MCS0	2	6	2437	19.80	19.60	22.71	30.00		-0.10		22.61		36.00		Pass	Patha=5	
HT20	MCS0	2	9	2452	16.70	16.70	19.71	30.00		-0.10		19.61		36.00		Pass	Patha=25	
HT20	MCS0	2	10	2457	16.10	16.10	19.11	30.00		-0.10		19.01		36.00		Pass	Patha=30	
HT20	MCS0	2	11	2462	9.10	9.00	12.06	30.00		-0.10		11.96		36.00		Pass	Patha=85	
HT40	MCS0	2	3	2422	10.80	10.90	13.86	30.00		-0.10		13.76		36.00		Pass	Patha=70	
HT40	MCS0	2	4	2427	14.50	14.50	17.51	30.00		-0.10		17.41		36.00		Pass	Patha=40	
HT40	MCS0	2	6	2437	14.70	14.80	17.76	30.00		-0.10		17.66		36.00		Pass	Patha=40	
HT40	MCS0	2	7	2442	13.20	13.20	16.21	30.00		-0.10		16.11		36.00		Pass	Patha=50	
HT40	MCS0	2	8	2447	6.60	6.70	9.66	30.00		-0.10		9.56		36.00		Pass	Patha=100	
HT40	MCS0	2	9	2452	6.00	6.10	9.06	30.00		-0.10		8.96		36.00		Pass	Patha=105	

Note: Measured power (dBm) has offset with cable loss.

Report Number : FR3D2611C

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																				
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail	Setting	
						Ant0	Ant1	SUM	Ant0	Ant1	Ant0	Ant1	Ant0	Ant1	Ant0	Ant1		Ant 0	Ant 1
HE20	MCS0	2	1	2412	Full	8.40	8.40	11.41	30.00		-0.10		11.31		36.00		Pass	Patha=90	
HE20	MCS0	2	1	2412	26/0	-2.70	-2.90	0.21	30.00		-0.10		0.11		36.00		Pass	dbm=2，patha=40	
HE20	MCS0	2	1	2412	52/37	-0.10	-0.10	2.91	30.00		-0.10		2.81		36.00		Pass	dbm=5，patha=40	
HE20	MCS0	2	1	2412	106/53	3.30	3.40	6.36	30.00		-0.10		6.26		36.00		Pass	dbm=6，patha=20	
HE20	MCS0	2	2	2417	Full	15.50	15.50	18.51	30.00		-0.10		18.41		36.00		Pass	Patha=35	
HE20	MCS0	2	3	2422	Full	16.70	16.70	19.71	30.00		-0.10		19.61		36.00		Pass	Patha=25	
HE20	MCS0	2	6	2437	Full	19.70	19.80	22.76	30.00		-0.10		22.66		36.00		Pass	Patha=5	
HE20	MCS0	2	9	2452	Full	16.70	16.70	19.71	30.00		-0.10		19.61		36.00		Pass	Patha=25	
HE20	MCS0	2	10	2457	Full	15.50	15.50	18.51	30.00		-0.10		18.41		36.00		Pass	Patha=35	
HE20	MCS0	2	11	2462	Full	6.20	6.20	9.21	30.00		-0.10		9.11		36.00		Pass	Patha=105	
HE20	MCS0	2	11	2462	26/8	-4.90	-5.10	-1.99	30.00		-0.10		-2.09		36.00		Pass	dbm=2，patha=60	
HE20	MCS0	2	11	2462	52/40	-2.40	-2.50	0.56	30.00		-0.10		0.46		36.00		Pass	dbm=5，patha=60	
HE20	MCS0	2	11	2462	106/54	1.10	1.00	4.06	30.00		-0.10		3.96		36.00		Pass	dbm=6，patha=35	
HE40	MCS0	2	3	2422	Full	5.50	5.30	8.41	30.00		-0.10		8.31		36.00		Pass	Patha=110	
HE40	MCS0	2	4	2427	Full	12.60	12.60	15.61	30.00		-0.10		15.51		36.00		Pass	Patha=55	
HE40	MCS0	2	6	2437	Full	12.70	12.80	15.76	30.00		-0.10		15.66		36.00		Pass	Patha=55	
HE40	MCS0	2	7	2442	Full	13.30	13.20	16.26	30.00		-0.10		16.16		36.00		Pass	Patha=60	
HE40	MCS0	2	8	2447	Full	9.30	9.40	12.36	30.00		-0.10		12.26		36.00		Pass	Patha=80	
HE40	MCS0	2	9	2452	Full	4.60	4.70	7.66	30.00		-0.10		7.56		36.00		Pass	Patha=115	

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant0	Ant1	Ant0	Ant1		
11b	1Mbps	2	1	2412	14.79	14.89	11.10	10.16	0.50	Pass
11b	1Mbps	2	6	2437	14.89	15.03	11.12	11.12	0.50	Pass
11b	1Mbps	2	11	2462	14.84	14.99	10.16	11.10	0.50	Pass
11g	6Mbps	2	1	2412	16.43	16.38	16.36	16.36	0.50	Pass
11g	6Mbps	2	6	2437	16.38	16.43	16.34	16.36	0.50	Pass
11g	6Mbps	2	11	2462	16.38	16.38	16.36	16.36	0.50	Pass
HT20	MCS0	2	1	2412	17.58	17.58	17.18	16.86	0.50	Pass
HT20	MCS0	2	6	2437	17.58	17.58	16.74	16.98	0.50	Pass
HT20	MCS0	2	11	2462	17.58	17.53	17.56	16.86	0.50	Pass
HT40	MCS0	2	3	2422	36.16	36.46	36.40	36.16	0.50	Pass
HT40	MCS0	2	6	2437	36.46	36.56	36.12	35.56	0.50	Pass
HT40	MCS0	2	9	2452	36.46	36.46	36.40	36.16	0.50	Pass

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band MIMO											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
						Ant0	Ant1	Ant0	Ant1		
HE20	MCS0	1	1	2412	Full	18.88	18.88	18.675	18.575	0.50	Pass
HE20	MCS0	1	6	2437	Full	18.93	18.93	18.125	18.125	0.50	Pass
HE20	MCS0	1	11	2462	Full	18.88	18.93	18.025	18.350	0.50	Pass
HE40	MCS0	1	3	2422	Full	38.06	38.16	37.84	37.80	0.50	Pass
HE40	MCS0	1	6	2437	Full	38.06	38.16	37.80	37.80	0.50	Pass
HE40	MCS0	1	9	2452	Full	38.06	38.16	37.96	37.84	0.50	Pass

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TEST RESULTS DATA
Average Power Spectral Density

2.4GHz Band												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average PSD (dBm/3kHz)			DG (dBi)		Average PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 0	Ant 1	Worse + 3.01	Ant 0	Ant 1	Ant 0	Ant 1	
11b	1Mbps	2	1	2412	-4.64	-4.19	-1.18	2.91		8.00		Pass
11b	1Mbps	2	6	2437	-4.96	-4.99	-1.95	2.91		8.00		Pass
11b	1Mbps	2	11	2462	-4.31	-4.43	-1.30	2.91		8.00		Pass
11g	6Mbps	2	1	2412	-6.73	-6.65	-3.64	2.91		8.00		Pass
11g	6Mbps	2	6	2437	-8.15	-7.60	-4.59	2.91		8.00		Pass
11g	6Mbps	2	11	2462	-6.90	-7.00	-3.89	2.91		8.00		Pass
HT20	MCS0	2	1	2412	-7.14	-5.65	-2.64	2.91		8.00		Pass
HT20	MCS0	2	6	2437	-6.83	-5.48	-2.47	2.91		8.00		Pass
HT20	MCS0	2	11	2462	-7.17	-5.66	-2.65	2.91		8.00		Pass
HT40	MCS0	2	3	2422	-7.14	-7.86	-4.13	2.91		8.00		Pass
HT40	MCS0	2	6	2437	-9.72	-9.81	-6.71	2.91		8.00		Pass
HT40	MCS0	2	11	2462	-9.75	-9.75	-6.74	2.91		8.00		Pass

Measured power density (dBm) has offset with cable loss.

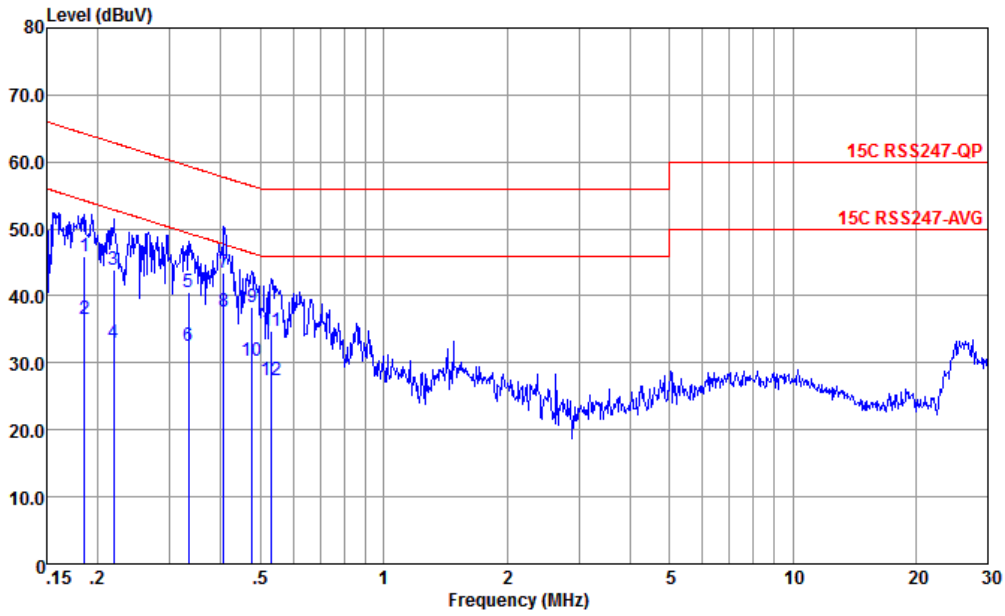
TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
						Ant0	Ant1	Worse + 3.01	Ant0	Ant1	Ant0	Ant1	
HE20	MCS0	2	1	2412	Full	-19.30	-19.11	-16.10	2.91		8.00		Pass
HE20	MCS0	2	1	2412	26/0	-20.09	-20.21	-17.08	2.91		8.00		Pass
HE20	MCS0	2	1	2412	52/37	-20.11	-19.85	-16.84	2.91		8.00		Pass
HE20	MCS0	2	1	2412	106/53	-19.43	-19.21	-16.20	2.91		8.00		Pass
HE20	MCS0	2	6	2437	Full	-7.09	-7.19	-4.08	2.91		8.00		Pass
HE20	MCS0	2	11	2462	Full	-21.40	-21.55	-18.39	2.91		8.00		Pass
HE20	MCS0	2	11	2462	26/8	-22.14	-22.48	-19.13	2.91		8.00		Pass
HE20	MCS0	2	11	2462	52/40	-22.04	-21.88	-18.87	2.91		8.00		Pass
HE20	MCS0	2	11	2462	106/54	-22.02	-22.16	-19.01	2.91		8.00		Pass

Measured power density (dBm) has offset with cable loss.

Appendix B. AC Conducted Emission Test Results

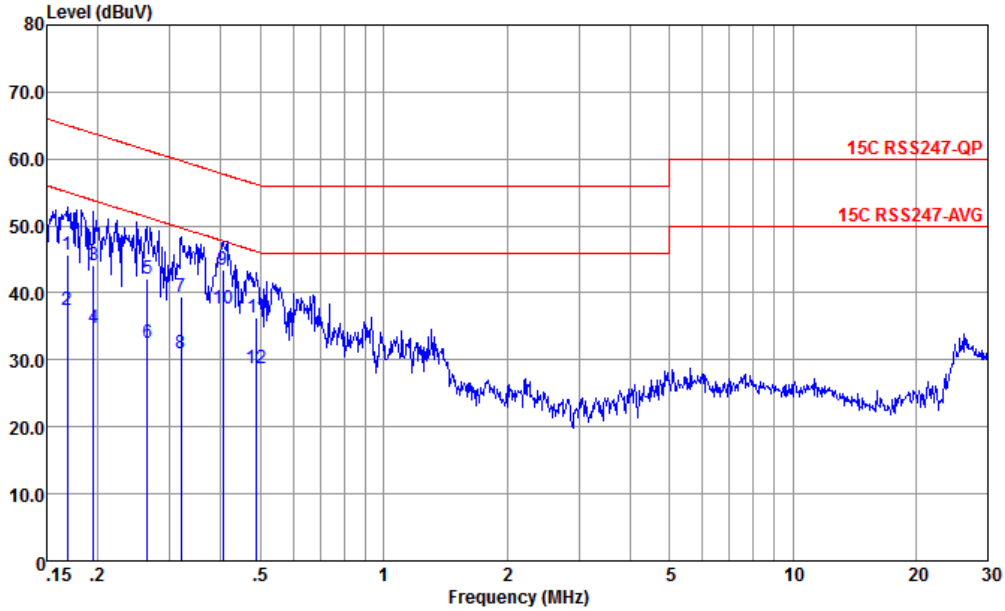
Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15C RSS247-QP LISN-060105-L 2023 LINE

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.185	45.95	-18.29	64.24	35.50	0.04	10.41	QP
2		0.185	36.65	-17.59	54.24	26.20	0.04	10.41	Average
3		0.219	43.93	-18.95	62.88	33.51	0.03	10.39	QP
4		0.219	33.03	-19.85	52.88	22.61	0.03	10.39	Average
5		0.334	40.54	-18.81	59.35	30.20	0.03	10.31	QP
6		0.334	32.64	-16.71	49.35	22.30	0.03	10.31	Average
7		0.406	43.47	-14.26	57.73	33.19	0.00	10.28	QP
8	*	0.406	37.57	-10.16	47.73	27.29	0.00	10.28	Average
9		0.476	38.41	-18.00	56.41	28.20	-0.02	10.23	QP
10		0.476	30.41	-16.00	46.41	20.20	-0.02	10.23	Average
11		0.532	34.67	-21.33	56.00	24.50	-0.04	10.21	QP
12		0.532	27.47	-18.53	46.00	17.30	-0.04	10.21	Average

Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15C RSS247-QP LISN-060105-N 2023 NEUTRAL

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.169	45.66	-19.37	65.03	35.20	0.04	10.42	QP
2	0.169	37.36	-17.67	55.03	26.90	0.04	10.42	Average
3	0.195	44.06	-19.74	63.80	33.60	0.05	10.41	QP
4	0.195	34.66	-19.14	53.80	24.20	0.05	10.41	Average
5	0.264	42.14	-19.15	61.29	31.79	-0.01	10.36	QP
6	0.264	32.64	-18.65	51.29	22.29	-0.01	10.36	Average
7	0.320	39.48	-20.23	59.71	29.20	-0.04	10.32	QP
8	0.320	30.88	-18.83	49.71	20.60	-0.04	10.32	Average
9	0.404	43.42	-14.35	57.77	33.20	-0.06	10.28	QP
10 *	0.404	37.72	-10.05	47.77	27.50	-0.06	10.28	Average
11	0.489	36.36	-19.83	56.19	26.20	-0.07	10.23	QP
12	0.489	28.76	-17.43	46.19	18.60	-0.07	10.23	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

Appendix C. Radiated Spurious Emission

Test Engineer :	ZhangXu	Relative Humidity :	50%
		Temperature :	20-22C°

Radiated Spurious Emission Test Modes

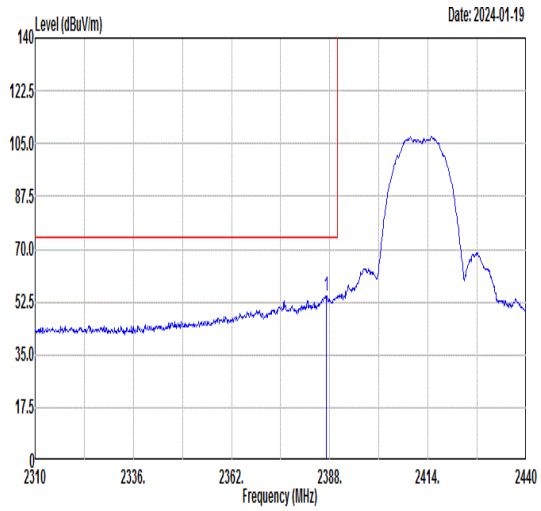
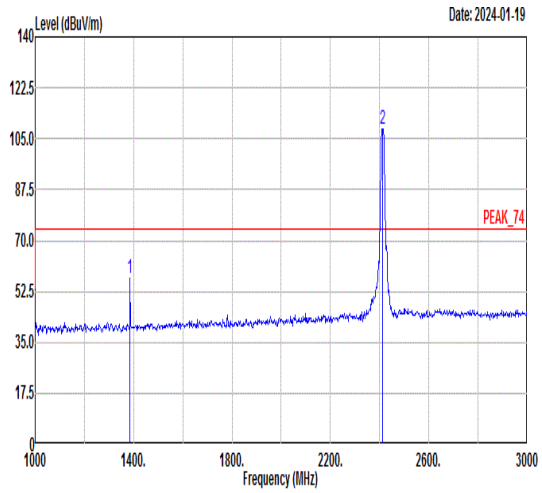
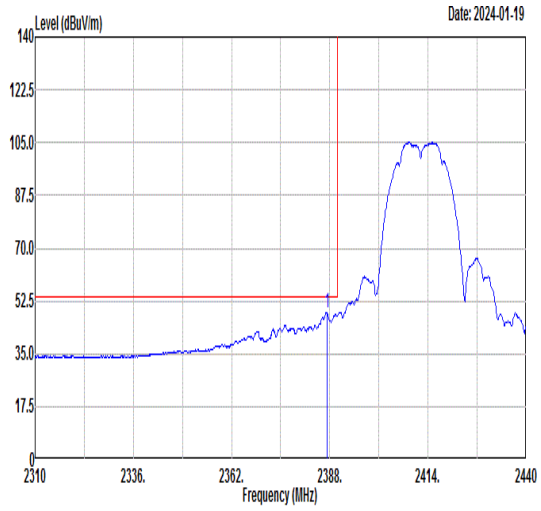
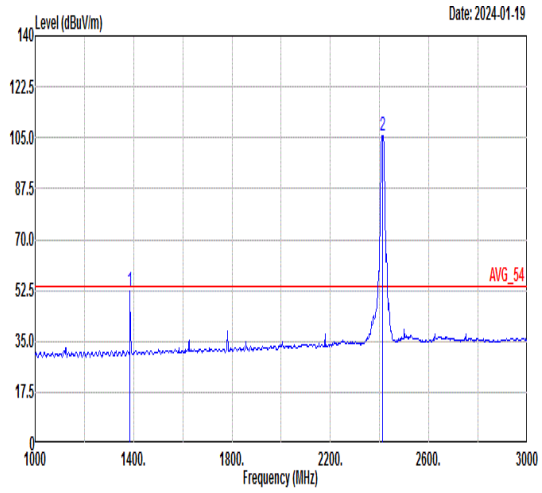
Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	CDD 0+1	802.11b	01	2412	1Mbps	-	-
Mode 2	2400-2483.5	CDD 0+1	802.11b	06	2437	1Mbps	-	-
Mode 3	2400-2483.5	CDD 0+1	802.11b	11	2462	1Mbps	-	-
Mode 4	2400-2483.5	CDD 0+1	802.11g	01	2412	6Mbps	-	-
Mode 5	2400-2483.5	CDD 0+1	802.11g	06	2437	6Mbps	-	-
Mode 6	2400-2483.5	CDD 0+1	802.11g	11	2462	6Mbps	-	-
Mode 7	2400-2483.5	CDD 0+1	802.11n HT20	01	2412	MCS0	-	-
Mode 8	2400-2483.5	CDD 0+1	802.11n HT20	06	2437	MCS0	-	-
Mode 9	2400-2483.5	CDD 0+1	802.11n HT20	11	2462	MCS0	-	-
Mode 11	2400-2483.5	CDD 0+1	802.11n HT40	03	2422	MCS0	-	-
Mode 11	2400-2483.5	CDD 0+1	802.11n HT40	06	2437	MCS0	-	-
Mode 12	2400-2483.5	CDD 0+1	802.11n HT40	09	2452	MCS0	-	-
Mode 13	2400-2483.5	CDD 0+1	802.11ax HE20	01	2412	MCS0	Full	-
Mode 14	2400-2483.5	CDD 0+1	802.11ax HE20	06	2437	MCS0	Full	-
Mode 15	2400-2483.5	CDD 0+1	802.11ax HE20	11	2462	MCS0	Full	-
Mode 16	2400-2483.5	CDD 0+1	802.11ax HE20	01	2412	MCS0	Partial	RU26/0
Mode 17	2400-2483.5	CDD 0+1	802.11ax HE20	01	2412	MCS0	Partial	RU52/37
Mode 18	2400-2483.5	CDD 0+1	802.11ax HE20	01	2412	MCS0	Partial	RU106/53
Mode 18	2400-2483.5	CDD 0+1	802.11ax HE20	11	2462	MCS0	Partial	RU26/8
Mode 20	2400-2483.5	CDD 0+1	802.11ax HE20	11	2462	MCS0	Partial	RU52/40
Mode 21	2400-2483.5	CDD 0+1	802.11ax HE20	11	2462	MCS0	Partial	RU106/54
Mode 22	2400-2483.5	CDD 0+1	802.11ax HE40	03	2422	MCS0	-	-
Mode 23	2400-2483.5	CDD 0+1	802.11ax HE40	06	2437	MCS0	-	-
Mode 24	2400-2483.5	CDD 0+1	802.11ax HE40	09	2452	MCS0	-	-
Mode 25	2400-2483.5	CDD 0+1	802.11n HT20	01	2412	MCS0		
		CDD 0+1	Bluetooth-LE	38	2478	2Mbps	-	-
Mode 26	2400-2483.5	CDD 0+1	802.11n HT20	01	2412	MCS0	-	LF
Mode 27	2400-2483.5	CDD 0+1	802.11g	02	2417	6Mbps	-	-
Mode 28	2400-2483.5	CDD 0+1	802.11g	10	2457	6Mbps	-	-
Mode 29	2400-2483.5	CDD 0+1	802.11n HT20	02	2417	MCS0	-	-
Mode 30	2400-2483.5	CDD 0+1	802.11n HT20	03	2422	MCS0	-	-

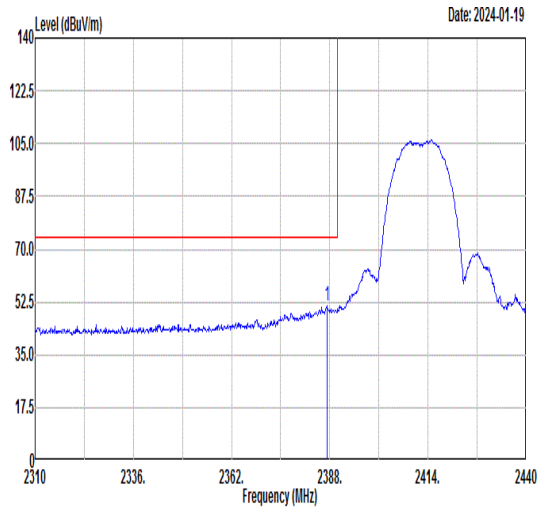
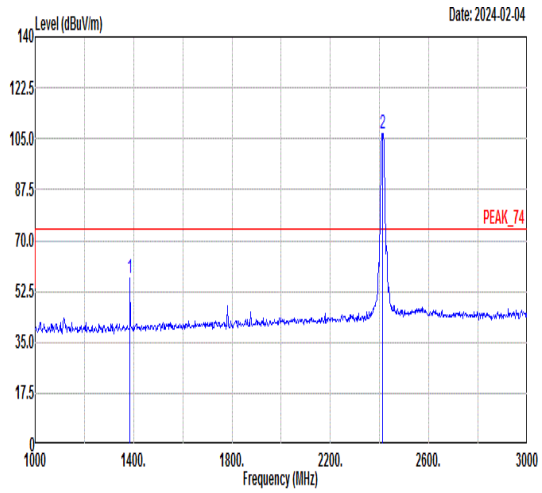
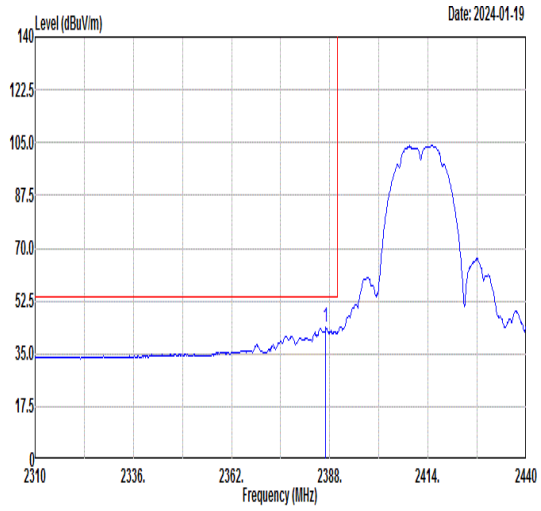
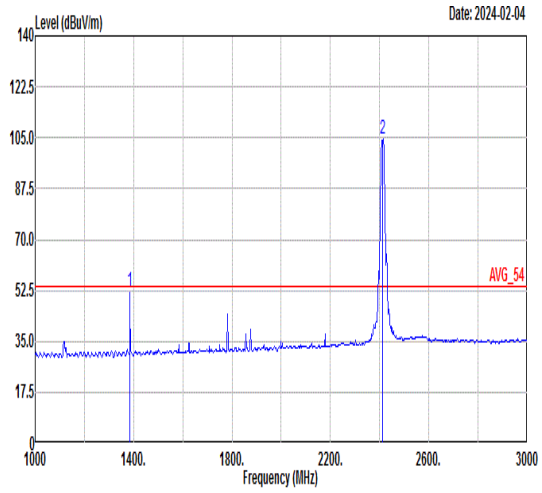
Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 31	2400-2483.5	CDD 0+1	802.11n HT20	04	2427	MCS0	-	-
Mode 32	2400-2483.5	CDD 0+1	802.11n HT20	10	2457	MCS0	-	-
Mode 33	2400-2483.5	CDD 0+1	802.11n HT20	09	2452	MCS0	-	-
Mode 34	2400-2483.5	CDD 0+1	802.11n HT40	07	2442	MCS0	-	-
Mode 35	2400-2483.5	CDD 0+1	802.11n HT40	04	2427	MCS0	-	-
Mode 36	2400-2483.5	CDD 0+1	802.11n HT40	08	2447	MCS0	-	-
Mode 37	2400-2483.5	CDD 0+1	802.11ax HE20	02	2417	MCS0	-	-
Mode 38	2400-2483.5	CDD 0+1	802.11ax HE20	03	2422	MCS0	-	-
Mode 39	2400-2483.5	CDD 0+1	802.11ax HE20	10	2457	MCS0	-	-
Mode 40	2400-2483.5	CDD 0+1	802.11ax HE20	09	2452	MCS0	-	-
Mode 41	2400-2483.5	CDD 0+1	802.11ax HE40	04	2427	MCS0	-	-
Mode 42	2400-2483.5	CDD 0+1	802.11ax HE40	08	2447	MCS0	-	-
Mode 43	2400-2483.5	CDD 0+1	802.11ax HE40	07	2442	MCS0	-	-

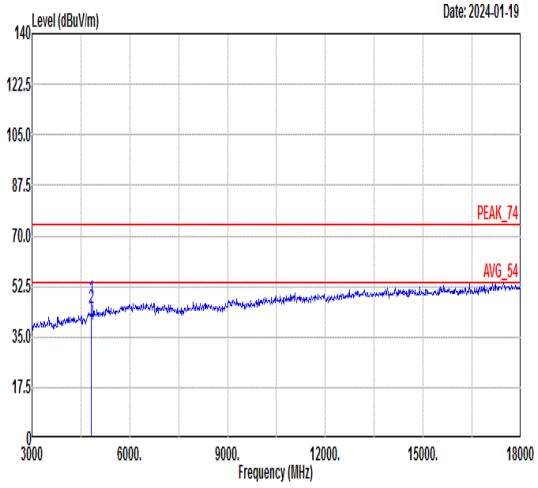
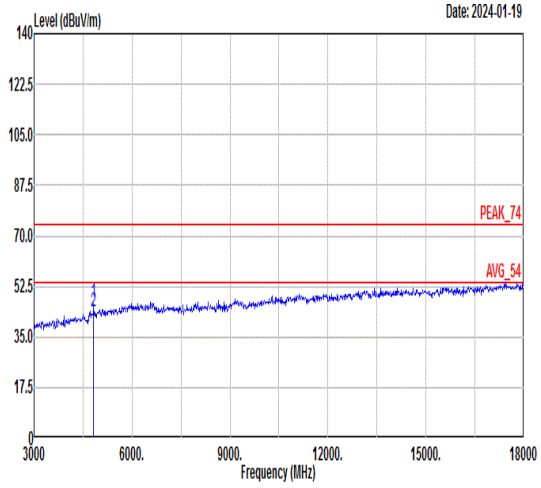
Summary of each worse mode

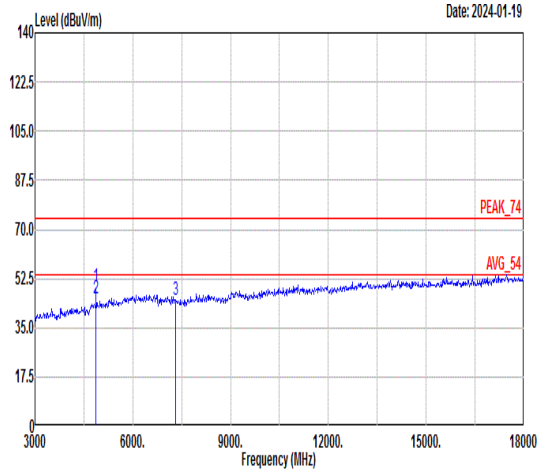
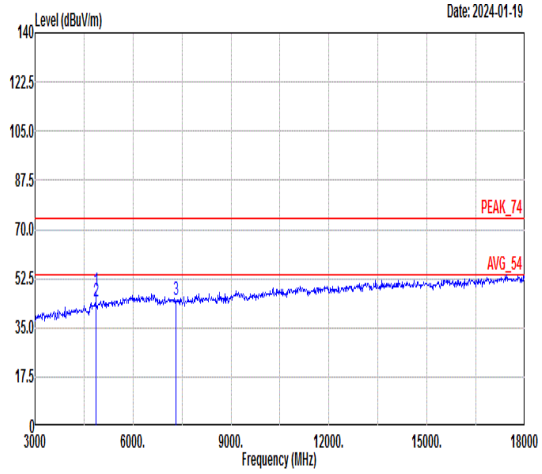
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11b	01	1386.00	52.26	54.00	-1.74	V	AVERAGE	Pass	Band Edge
1	802.11b	01	4824.00	44.99	54.00	-9.01	H	Average	Pass	Harmonic
2	802.11b	06	-	-	-	-	-	-	-	Band Edge
2	802.11b	06	4874.00	45.44	54.00	-8.56	H	Average	Pass	Harmonic
3	802.11b	11	1386.00	52.31	54.00	-1.69	H	AVERAGE	Pass	Band Edge
3	802.11b	11	4924.00	41.24	54.00	-12.76	H	Average	Pass	Harmonic
4	802.11g	01	1386.00	51.58	54.00	-2.42	V	AVERAGE	Pass	Band Edge
4	802.11g	01	4824.00	42.47	74.00	-31.53	H	Peak	Pass	Harmonic
5	802.11g	06	1386.00	51.95	54.00	-2.05	H	AVERAGE	Pass	Band Edge
5	802.11g	06	7311.00	46.96	74.00	-27.04	V	Peak	Pass	Harmonic
6	802.11g	11	1386.00	51.51	54.00	-2.49	V	AVERAGE	Pass	Band Edge
6	802.11g	11	7386.00	44.19	74.00	-29.81	V	Peak	Pass	Harmonic
7	802.11n HT20	01	1386.00	52.52	54.00	-1.48	H	AVERAGE	Pass	Band Edge
7	802.11n HT20	01	4824.00	42.99	74.00	-31.01	V	Peak	Pass	Harmonic
8	802.11n HT20	06	1386.00	51.74	54.00	-2.26	V	AVERAGE	Pass	Band Edge
8	802.11n HT20	06	7311.00	45.00	74.00	-29.00	H	Peak	Pass	Harmonic
9	802.11n HT20	11	1386.00	51.81	54.00	-2.19	H	AVERAGE	Pass	Band Edge
9	802.11n HT20	11	7386.00	44.07	74.00	-29.93	H	Peak	Pass	Harmonic
10	802.11n HT40	03	1386.00	51.59	54.00	-2.41	V	AVERAGE	Pass	Band Edge
10	802.11n HT40	03	7266.00	44.43	74.00	-29.57	V	Peak	Pass	Harmonic
11	802.11n HT40	06	1386.00	51.02	54.00	-2.98	H	AVERAGE	Pass	Band Edge
11	802.11n HT40	06	7311.00	45.29	74.00	-28.71	V	Peak	Pass	Harmonic
12	802.11n HT40	09	1386.00	52.27	54.00	-1.73	V	Peak	Pass	Band Edge
12	802.11n HT40	09	7356.00	44.39	74.00	-29.61	H	Peak	Pass	Harmonic
13	802.11ax HE20	01	1386.00	51.57	54.00	-2.43	H	Peak	Pass	Band Edge
13	802.11ax HE20	01	4824.00	42.75	74.00	-31.25	V	Peak	Pass	Harmonic
14	802.11ax HE20	06	1444.00	51.89	54.00	-2.11	V	AVERAGE	Pass	Band Edge
14	802.11ax HE20	06	7311.00	46.27	54.00	-7.73	V	Average	Pass	Harmonic
15	802.11ax HE20	11	1386.00	52.35	54.00	-1.65	V	Peak	Pass	Band Edge
15	802.11ax HE20	11	7386.00	44.55	74.00	-29.45	V	Peak	Pass	Harmonic
16	802.11ax HE20	01	2387.74	45.51	54.00	-8.49	H	AVERAGE	Pass	Band Edge
16	802.11ax HE20	01	-	-	-	-	-	-	-	Harmonic
17	802.11ax HE20	01	2389.82	44.79	54.00	-9.21	H	AVERAGE	Pass	Band Edge
17	802.11ax HE20	01	-	-	-	-	-	-	-	Harmonic
18	802.11ax HE20	01	2389.30	47.78	54.00	-6.22	H	AVERAGE	Pass	Band Edge
18	802.11ax HE20	01	-	-	-	-	-	-	-	Harmonic
19	802.11ax HE20	11	2483.51	50.11	54.00	-3.89	H	AVERAGE	Pass	Band Edge
19	802.11ax HE20	11	-	-	-	-	-	-	-	Harmonic
20	802.11ax HE20	11	2483.66	50.63	54.00	-3.37	H	AVERAGE	Pass	Band Edge
20	802.11ax HE20	11	-	-	-	-	-	-	-	Harmonic
21	802.11ax HE20	11	2483.55	50.62	54.00	-3.38	H	AVERAGE	Pass	Band Edge
21	802.11ax HE20	11	-	-	-	-	-	-	-	Harmonic
22	802.11ax HE40	03	1386.00	51.39	54.00	-2.61	H	AVERAGE	Pass	Band Edge
22	802.11ax HE40	03	7266.00	44.72	74.00	-29.28	H	Peak	Pass	Harmonic

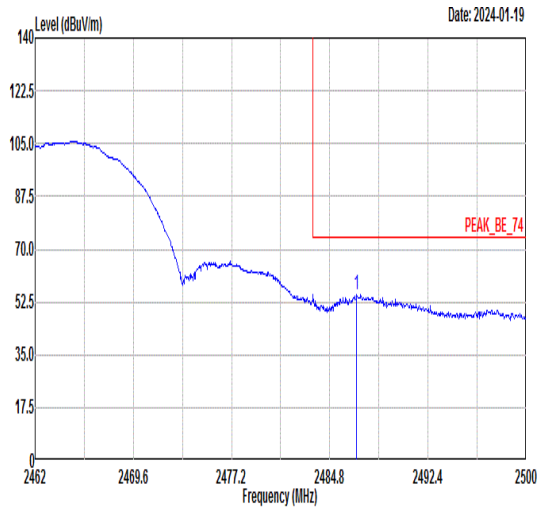
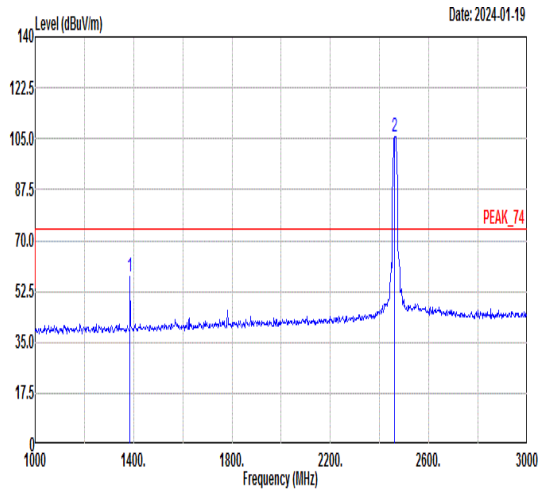
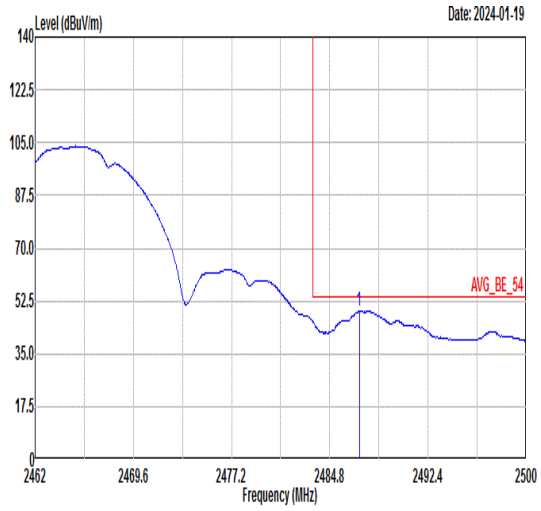
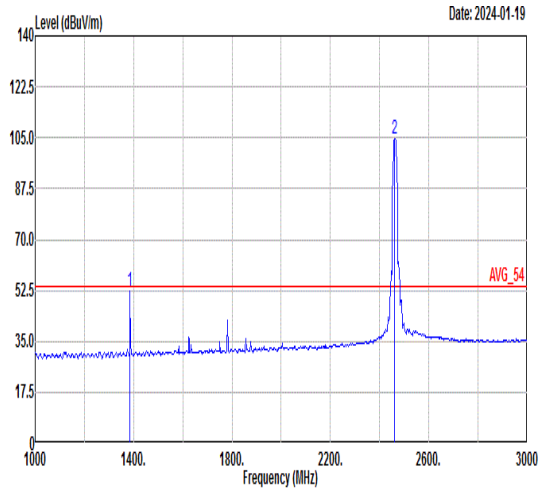
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
23	802.11ax HE40	06	1386.00	51.67	54.00	-2.33	H	AVERAGE	Pass	Band Edge
23	802.11ax HE40	06	7311.00	44.86	74.00	-29.14	V	Peak	Pass	Harmonic
24	802.11ax HE40	09	1386.00	51.57	54.00	-2.43	H	AVERAGE	Pass	Band Edge
24	802.11ax HE40	09	7356.00	44.49	74.00	-29.51	V	Peak	Pass	Harmonic
25	11n20 & BLE Co-location	01	1386.00	51.43	54.00	-2.57	H	AVERAGE	Pass	Band Edge
		38	4956.00	43.78	74.00	-30.22	V	Peak	Pass	Harmonic
26	802.11n HT20	01	675.05	45.57	46.00	-0.43	V	Peak	Pass	LF
27	802.11g	02	2389.82	47.96	54.00	-6.04	H	AVERAGE	Pass	Band Edge
27	802.11g	02	-	-	-	-	-	-	-	Harmonic
28	802.11g	10	2483.83	50.91	54.00	-3.09	H	AVERAGE	Pass	Band Edge
28	802.11g	10	-	-	-	-	-	-	-	Harmonic
29	802.11n HT20	02	2389.82	48.68	54.00	-5.32	H	AVERAGE	Pass	Band Edge
29	802.11n HT20	02	-	-	-	-	-	-	-	Harmonic
30	802.11n HT20	03	2389.82	50.00	54.00	-4.00	H	AVERAGE	Pass	Band Edge
30	802.11n HT20	03	-	-	-	-	-	-	-	Harmonic
31	802.11n HT20	04	2389.17	50.20	54.00	-3.80	H	AVERAGE	Pass	Band Edge
31	802.11n HT20	04	-	-	-	-	-	-	-	Harmonic
32	802.11n HT20	10	2483.83	49.60	54.00	-4.40	H	AVERAGE	Pass	Band Edge
32	802.11n HT20	10	-	-	-	-	-	-	-	Harmonic
33	802.11n HT20	09	2483.54	49.97	54.00	-4.03	H	AVERAGE	Pass	Band Edge
33	802.11n HT20	09	-	-	-	-	-	-	-	Harmonic
34	802.11n HT40	07	2486.06	50.60	54.00	-3.40	H	AVERAGE	Pass	Band Edge
34	802.11n HT40	07	-	-	-	-	-	-	-	Harmonic
35	802.11n HT40	04	2389.33	50.95	54.00	-3.05	H	AVERAGE	Pass	Band Edge
35	802.11n HT40	04	-	-	-	-	-	-	-	Harmonic
36	802.11n HT40	08	2484.74	50.74	54.00	-3.26	H	AVERAGE	Pass	Band Edge
36	802.11n HT40	08	-	-	-	-	-	-	-	Harmonic
37	802.11ax HE20	02	2389.30	49.50	54.00	-4.50	H	AVERAGE	Pass	Band Edge
37	802.11ax HE20	02	-	-	-	-	-	-	-	Harmonic
38	802.11ax HE20	03	2389.95	49.16	54.00	-4.84	V	AVERAGE	Pass	Band Edge
38	802.11ax HE20	03	-	-	-	-	-	-	-	Harmonic
39	802.11ax HE20	10	2483.53	50.74	54.00	-3.26	H	AVERAGE	Pass	Band Edge
39	802.11ax HE20	10	-	-	-	-	-	-	-	Harmonic
40	802.11ax HE20	09	2483.93	50.18	54.00	-3.82	H	AVERAGE	Pass	Band Edge
40	802.11ax HE20	09	-	-	-	-	-	-	-	Harmonic
41	802.11ax HE40	04	2389.56	48.20	54.00	-5.80	H	AVERAGE	Pass	Band Edge
41	802.11ax HE40	04	-	-	-	-	-	-	-	Harmonic
42	802.11ax HE40	08	2483.94	50.29	54.00	-3.71	H	AVERAGE	Pass	Band Edge
42	802.11ax HE40	08	-	-	-	-	-	-	-	Harmonic
43	802.11ax HE40	07	2483.75	50.82	54.00	-3.18	H	AVERAGE	Pass	Band Edge
43	802.11ax HE40	07	-	-	-	-	-	-	-	Harmonic

Mode	1	
	Band Edge	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	CDD 0+1	
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 2387.09 54.41 74.00 -19.59 51.59 30.72 5.36 33.26 400 260 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 1386.00 57.10 74.00 -16.90 58.04 29.42 4.13 34.49 400 260 PEAK 2 2412.00 108.37 ------ ------ 105.49 30.72 5.38 33.22 400 260 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 2387.22 48.79 54.00 -5.21 45.97 30.72 5.36 33.26 400 260 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 1386.00 52.24 54.00 -1.76 53.18 29.42 4.13 34.49 400 260 AVERAGE 2 2412.00 105.86 ------ ------ 102.98 30.72 5.38 33.22 400 260 AVERAGE

Mode	1	
	Band Edge	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2387.22 51.06 74.00 -22.94 48.24 30.72 5.36 33.26 338 183 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 57.20 74.00 -16.80 58.14 29.42 4.13 34.49 338 183 PEAK 2 2412.00 106.90 ------ ------ 104.02 30.72 5.38 33.22 338 183 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2386.96 43.59 54.00 -10.41 40.77 30.72 5.36 33.26 338 183 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 52.26 54.00 -1.74 53.20 29.42 4.13 34.49 338 183 AVERAGE 2 2412.00 104.45 ------ ------ 101.57 30.72 5.38 33.22 338 183 AVERAGE

Mode	1	
	Harmonic	
	2400-2483.5_802.11b_CH01_2412MHz	
ANT	CDD 0+1	
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 48.26 74.00 -25.74 68.45 35.78 8.88 64.85 326 241 Peak 2 4824.00 44.99 54.00 -9.01 65.18 35.78 8.88 64.85 326 241 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 46.88 74.00 -27.12 67.07 35.78 8.88 64.85 325 320 Peak 2 4824.00 43.88 54.00 -10.12 64.07 35.78 8.88 64.85 325 320 Average

Mode	2	
	Harmonic	
	2400-2483.5_802.11b_CH06_2437MHz	
ANT	CDD 0+1	
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 49.83 74.00 -24.17 70.08 35.90 8.72 64.87 365 247 Peak 2 4874.00 45.44 54.00 -8.56 65.69 35.90 8.72 64.87 365 247 Average 3 7311.00 44.85 74.00 -29.15 62.65 36.88 10.18 64.86 --- --- 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 48.25 74.00 -25.75 68.50 35.90 8.72 64.87 321 328 Peak 2 4874.00 44.31 54.00 -9.69 64.56 35.90 8.72 64.87 321 328 Average 3 7311.00 45.15 74.00 -28.85 62.95 36.88 10.18 64.86 --- --- Peak

Mode	3	
	Band Edge	
	2400-2483.5_802.11b_CH11_2462MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2486.89 55.06 74.00 -18.94 52.02 30.70 5.46 33.12 137 125 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 57.61 74.00 -16.39 58.55 29.42 4.13 34.49 137 125 PEAK 2 2462.00 105.90 ------ ------ 102.90 30.71 5.44 33.15 137 125 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2487.08 49.12 54.00 -4.88 46.08 30.70 5.46 33.12 137 125 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 52.31 54.00 -1.69 53.25 29.42 4.13 34.49 137 125 AVERAGE 2 2462.00 104.44 ------ ------ 101.46 30.71 5.43 33.16 137 125 AVERAGE

Mode	3	
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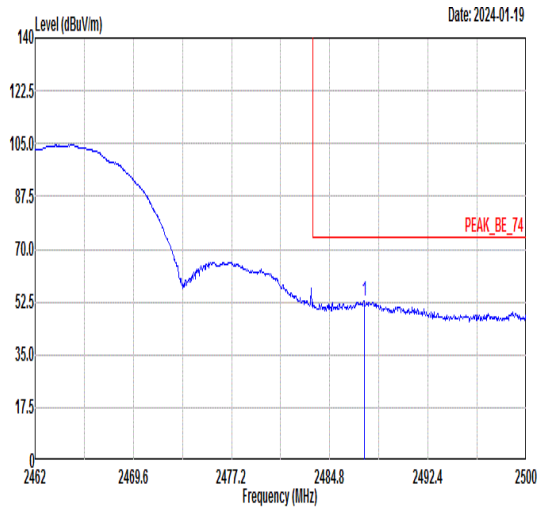
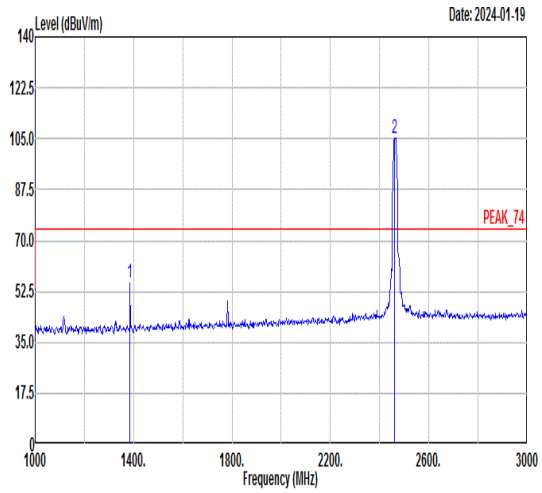
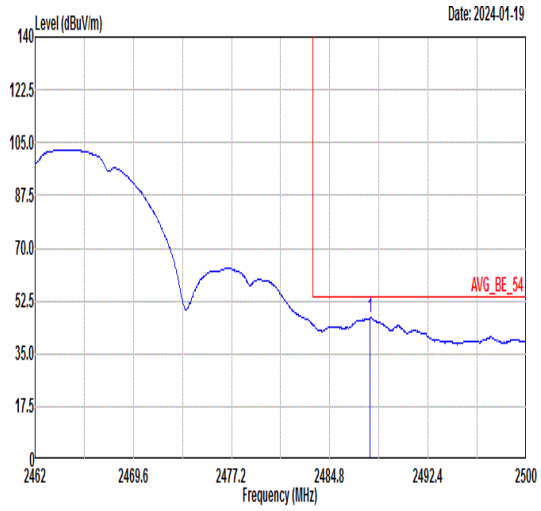
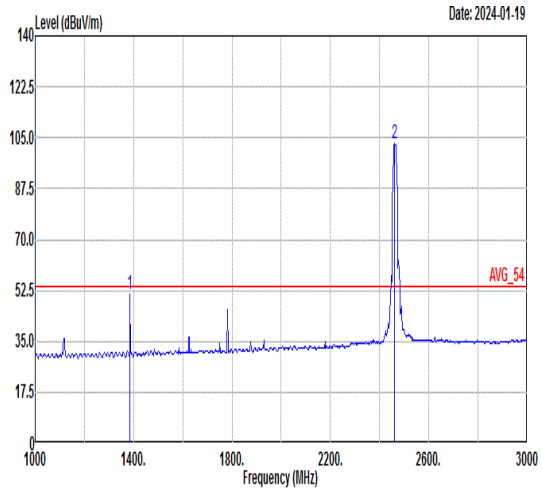
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2487.46 52.69 74.00 -21.31 49.65 30.70 5.46 33.12 316 184 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.58 74.00 -18.42 56.52 29.42 4.13 34.49 316 184 PEAK 2 2462.00 105.30 ------ ------ 102.30 30.71 5.44 33.15 316 184 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2487.92 46.87 54.00 -7.13 43.83 30.70 5.46 33.12 316 184 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.26 54.00 -2.74 52.20 29.42 4.13 34.49 316 184 AVERAGE 2 2462.00 102.95 ------ ------ 99.97 30.71 5.43 33.16 316 184 AVERAGE

Mode	3	
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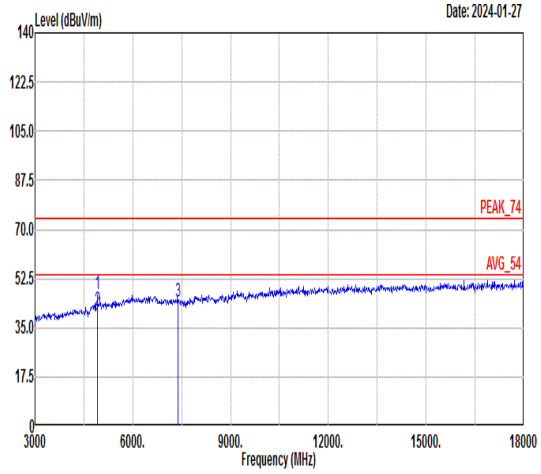
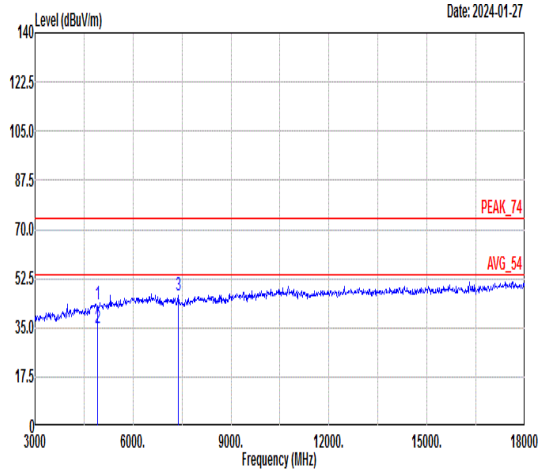
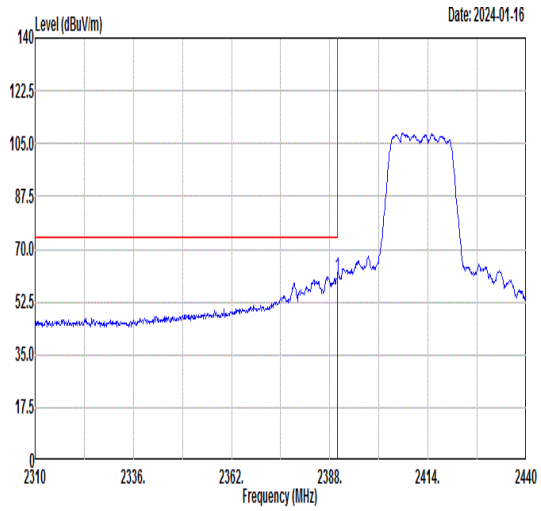
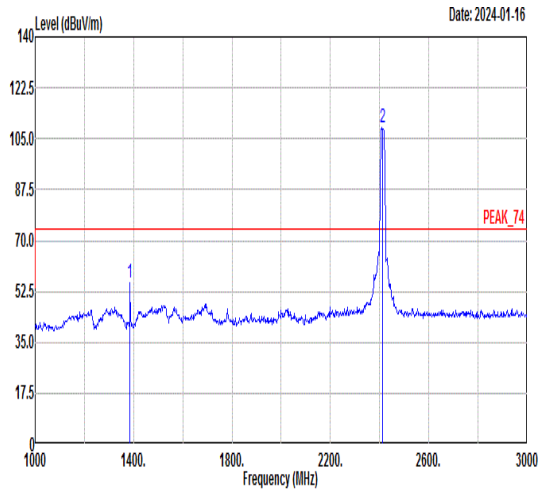
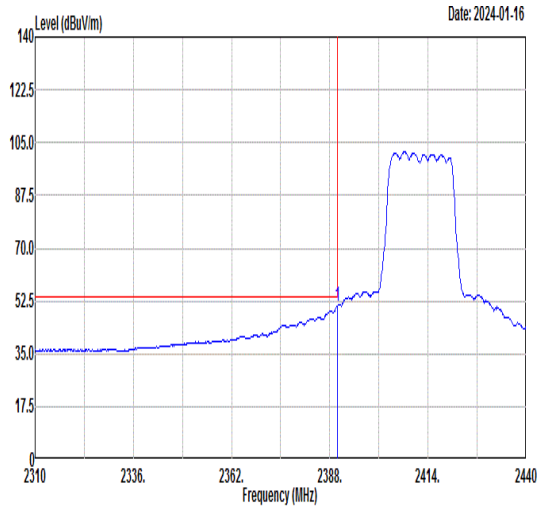
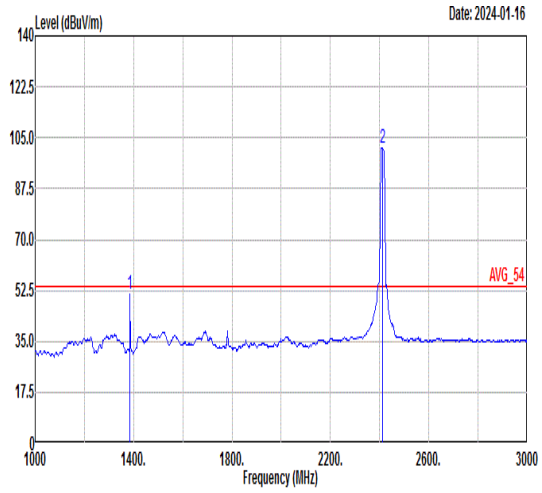
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 46.88 74.00 -27.12 67.18 36.02 8.57 64.89 107 141 Peak 2 4924.00 41.24 54.00 -12.76 61.54 36.02 8.57 64.89 107 141 Average 3 7386.00 44.32 74.00 -29.68 62.15 36.85 10.18 64.86 --- --- 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 43.50 74.00 -30.50 63.80 36.02 8.57 64.89 100 185 Peak 2 4924.00 34.77 54.00 -19.23 55.07 36.02 8.57 64.89 100 185 Average 3 7386.00 46.41 74.00 -27.59 64.24 36.85 10.18 64.86 --- --- Peak

Mode	4
	Band Edge
	2400-2483.5_802.11g_CH01_2412MHz
ANT	CDD 0+1

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 61.00 74.00 -13.00 58.17 30.72 5.36 33.25 100 92 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 1386.00 55.59 74.00 -18.41 56.53 29.42 4.13 34.49 100 92 PEAK 2 2412.00 108.82 ------ ------ 105.96 30.72 5.37 33.23 100 92 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 50.73 54.00 -3.27 47.90 30.72 5.36 33.25 100 92 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 1386.00 51.28 54.00 -2.72 52.22 29.42 4.13 34.49 100 92 AVERAGE 2 2412.00 101.60 ------ ------ 98.73 30.72 5.38 33.23 100 92 AVERAGE

Mode	4	
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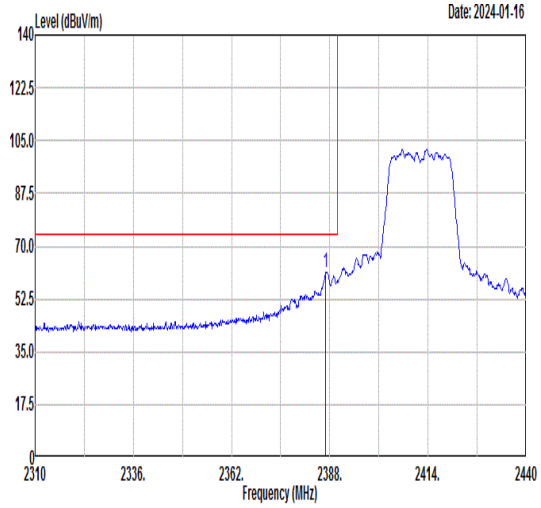
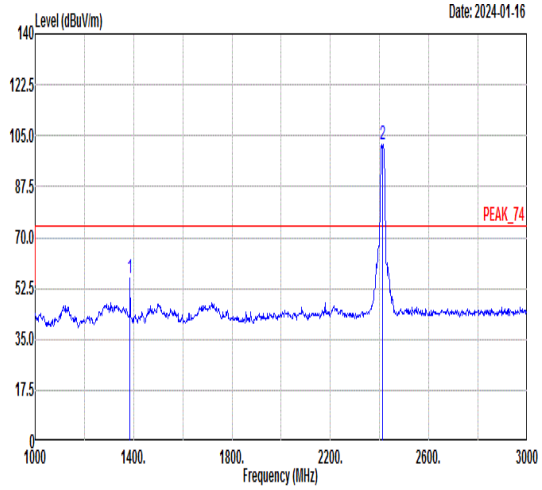
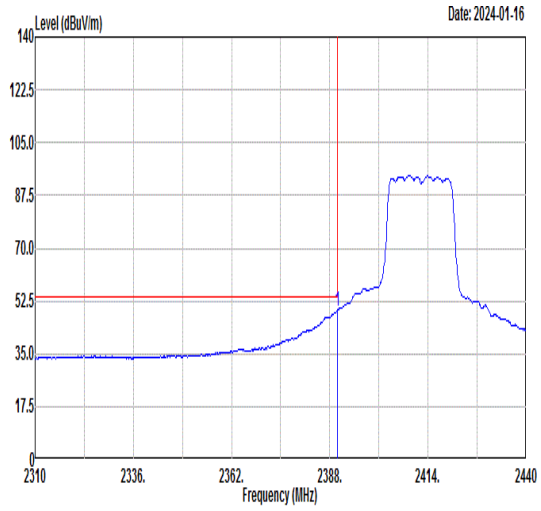
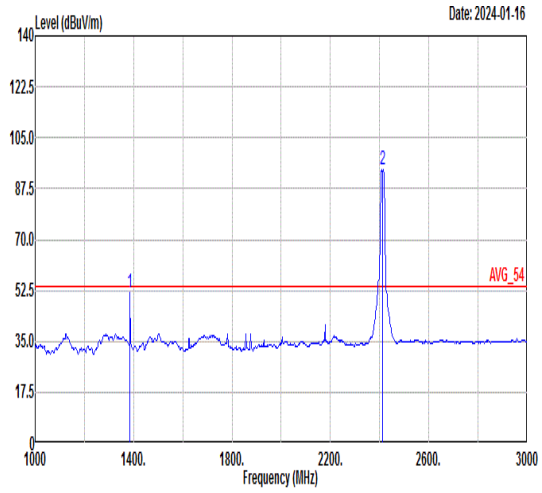
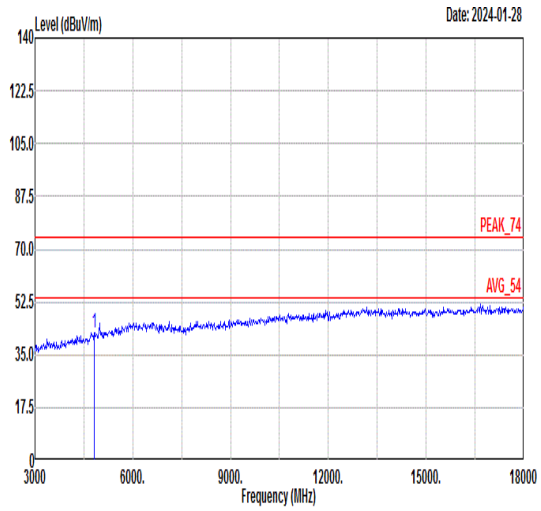
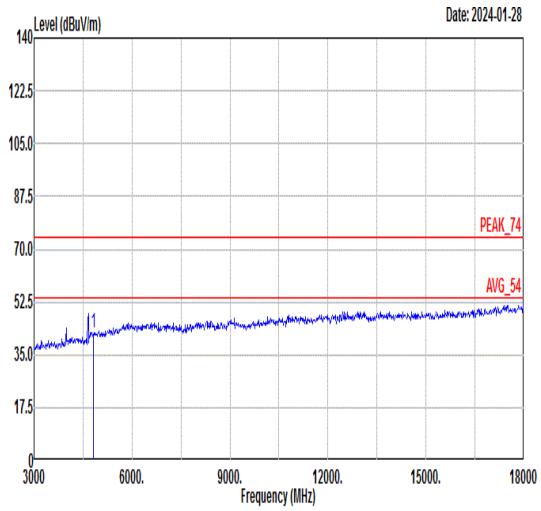
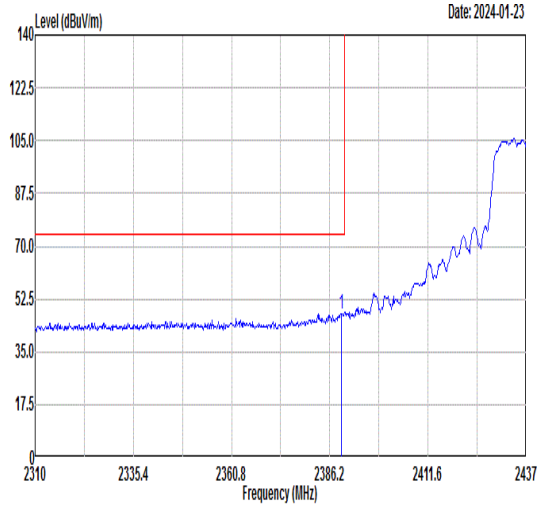
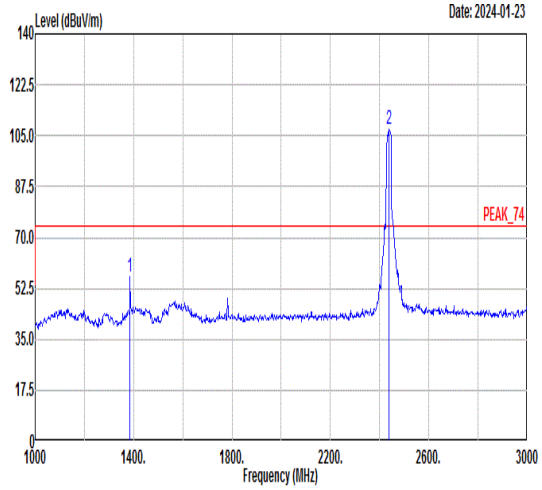
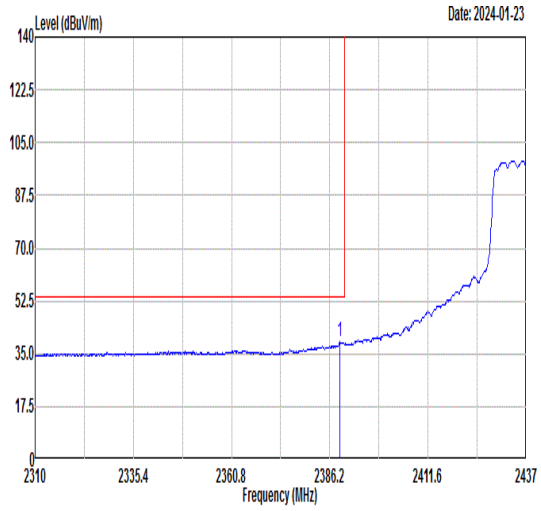
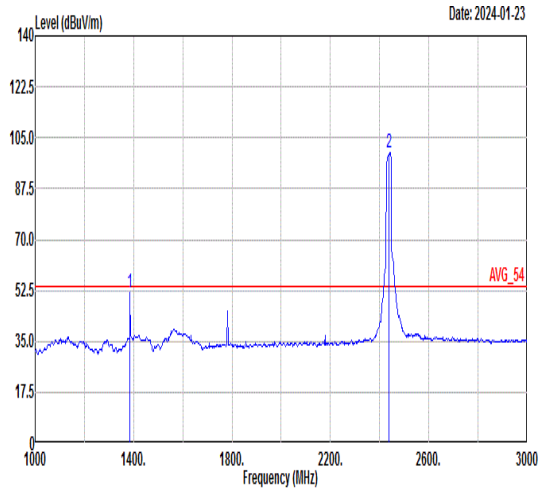
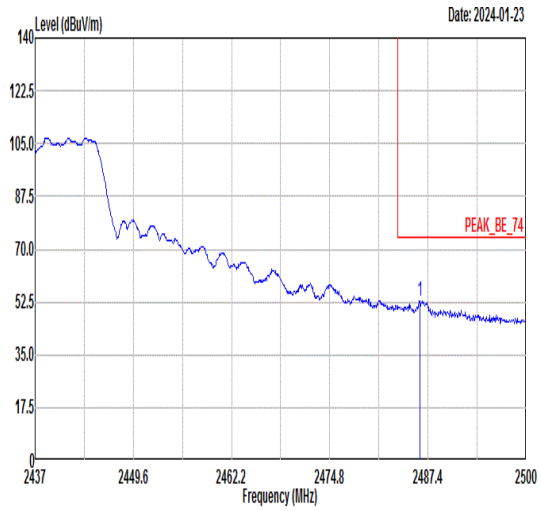
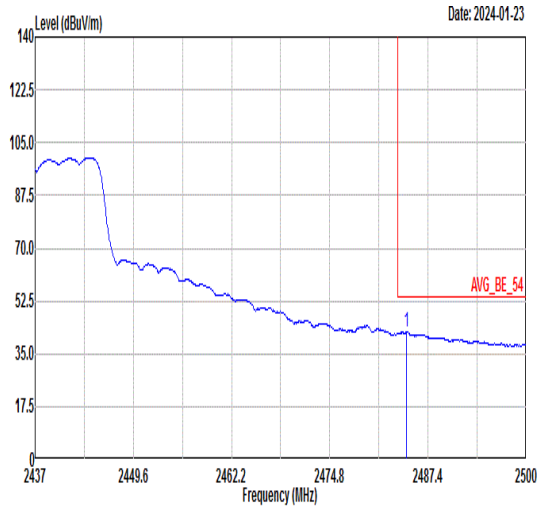
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2386.96 61.41 74.00 -12.59 58.59 30.72 5.36 33.26 303 360 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.87 74.00 -18.13 56.81 29.42 4.13 34.49 303 360 PEAK 2 2412.00 102.22 ------ ------ 99.34 30.72 5.38 33.22 303 360 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.95 49.35 54.00 -4.65 46.52 30.72 5.36 33.25 303 360 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.58 54.00 -2.42 52.52 29.42 4.13 34.49 303 360 AVERAGE 2 2412.00 93.93 ------ ------ 91.07 30.72 5.37 33.23 303 360 AVERAGE

Mode	4	
	Harmonic	
	2400-2483.5_802.11g_CH01_2412MHz	
ANT	CDD 0+1	
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 42.47 74.00 -31.53 62.66 35.78 8.88 64.85 --- --- 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 42.00 74.00 -32.00 62.19 35.78 8.88 64.85 --- --- Peak

Mode	5	
	Band Edge - L	
	2400-2483.5_802.11g_CH06_2437MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.25 47.54 74.00 -26.46 44.99 30.72 5.36 33.53 286 131 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 56.72 74.00 -17.28 58.10 29.42 4.13 34.93 286 131 PEAK 2 2437.00 107.17 ------ ------ 104.61 30.71 5.41 33.56 286 131 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2388.87 38.84 54.00 -15.16 36.29 30.72 5.36 33.53 286 131 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.95 54.00 -2.05 53.33 29.42 4.13 34.93 286 131 AVERAGE 2 2437.00 99.98 ------ ------ 97.42 30.71 5.42 33.57 286 131 AVERAGE

Mode	5	
	Band Edge - R	
	2400-2483.5_802.11g_CH06_2437MHz	
ANT	CDD 0+1	
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 2486.33 53.07 74.00 -20.93 50.50 30.70 5.46 33.59 286 131 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 2484.63 42.37 54.00 -11.63 39.80 30.70 5.46 33.59 286 131 AVERAGE	Blank

Mode	5	
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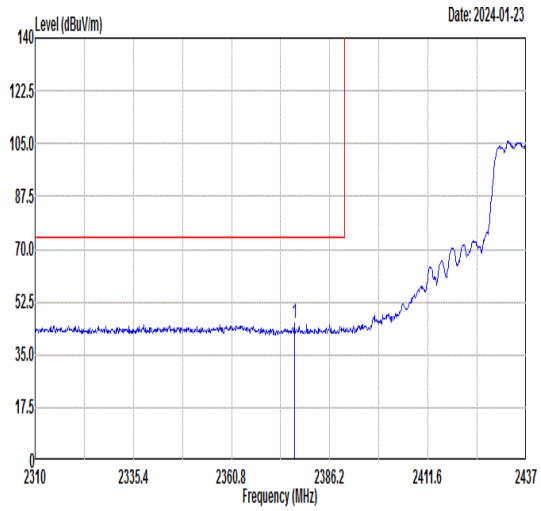
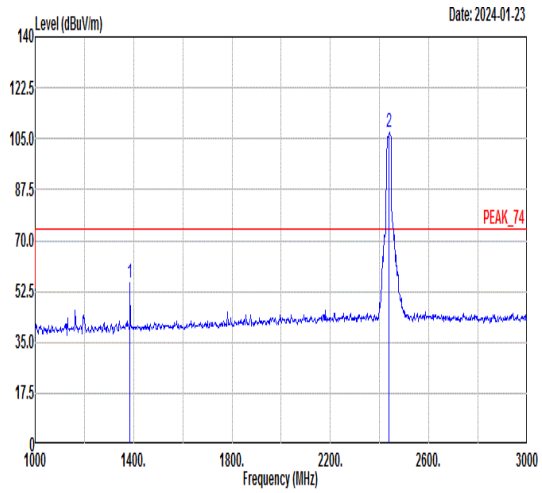
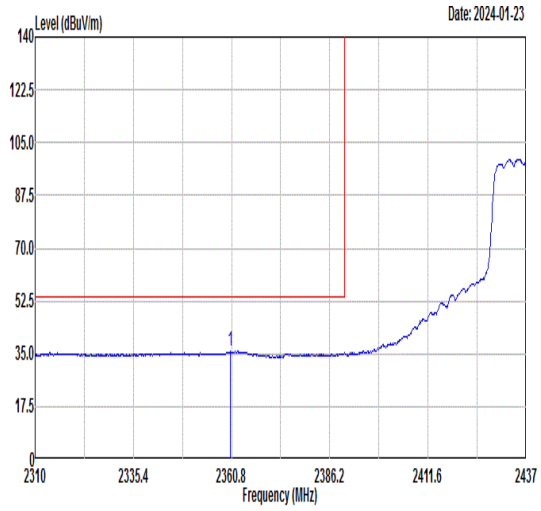
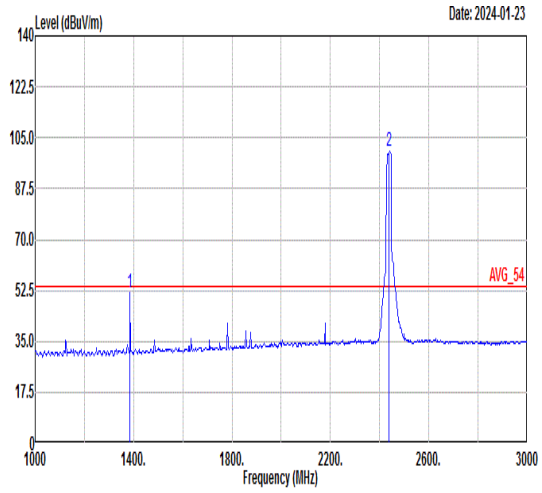
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2377.06 45.24 74.00 -28.76 42.70 30.72 5.35 33.53 308 0 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.55 74.00 -18.45 56.93 29.42 4.13 34.93 308 0 PEAK 2 2437.00 107.47 ------ ------ 104.91 30.71 5.41 33.56 308 0 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2360.55 35.98 54.00 -18.02 33.44 30.73 5.33 33.52 308 0 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.60 54.00 -2.40 52.98 29.42 4.13 34.93 308 0 AVERAGE 2 2437.00 100.58 ------ ------ 98.02 30.71 5.41 33.56 308 0 AVERAGE

Mode	5	
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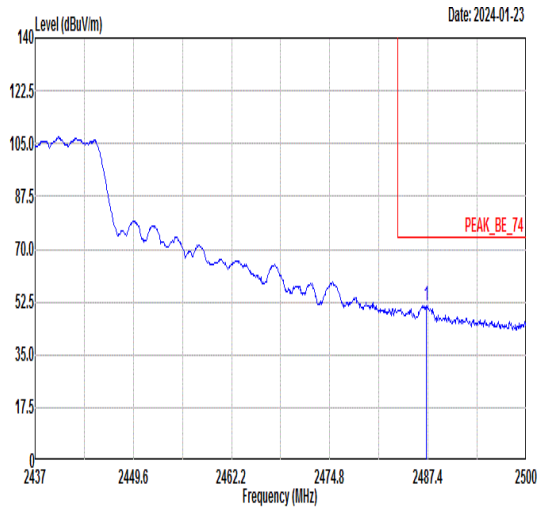
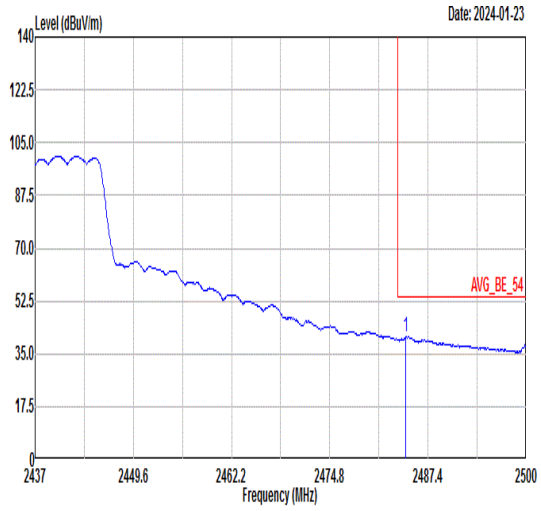
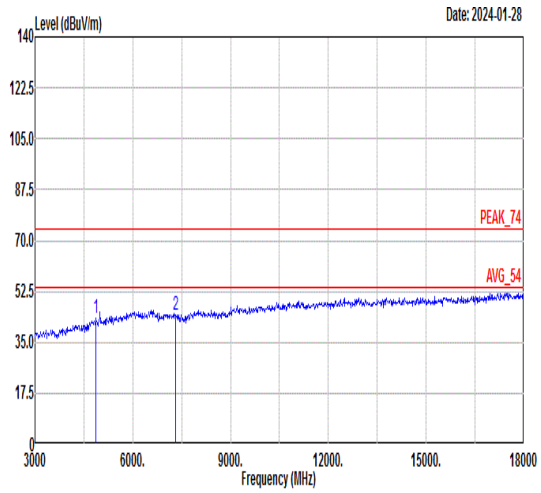
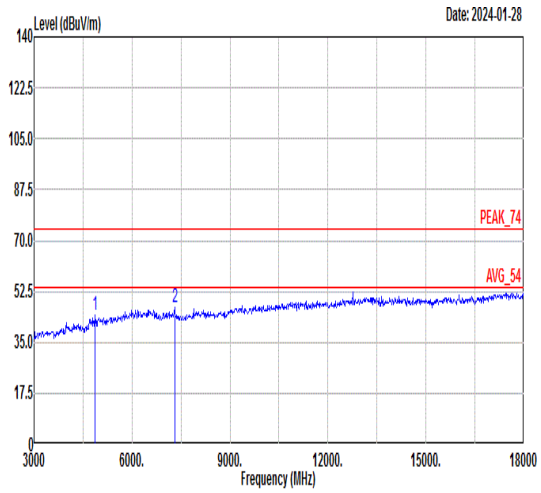
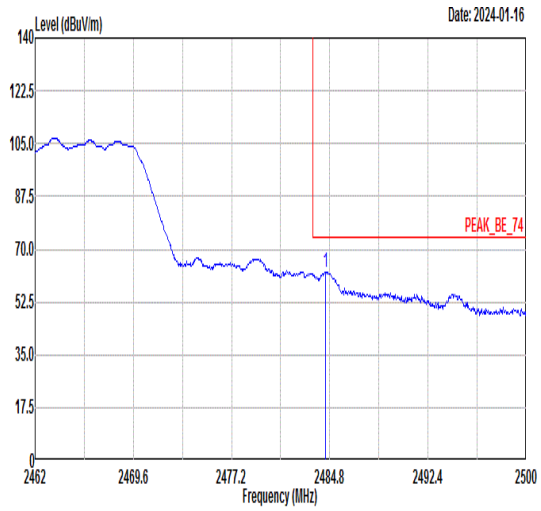
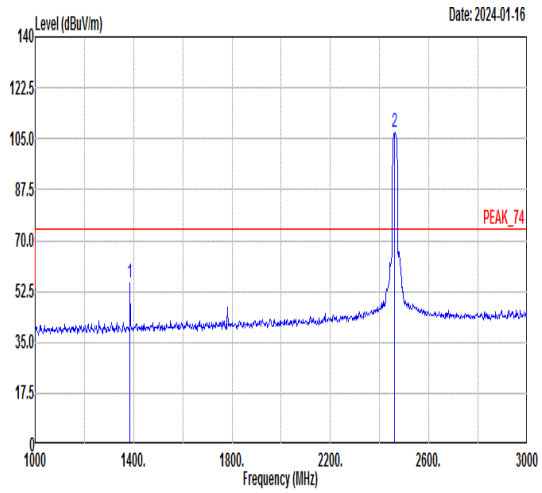
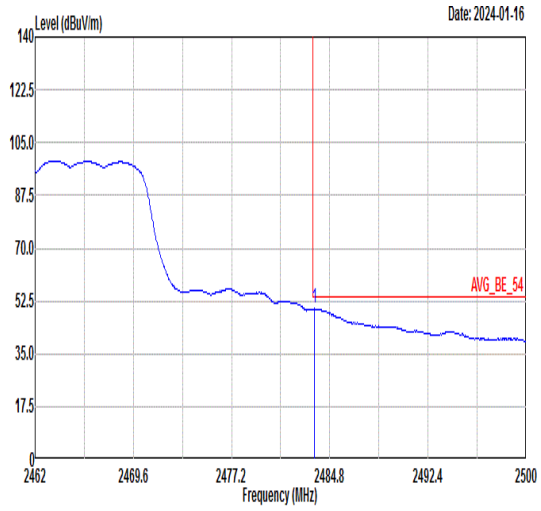
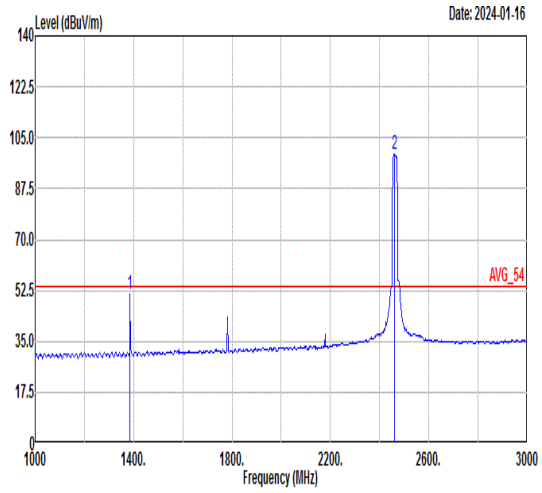
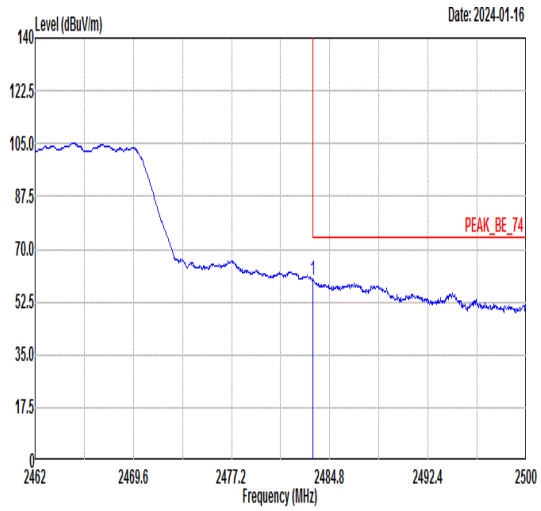
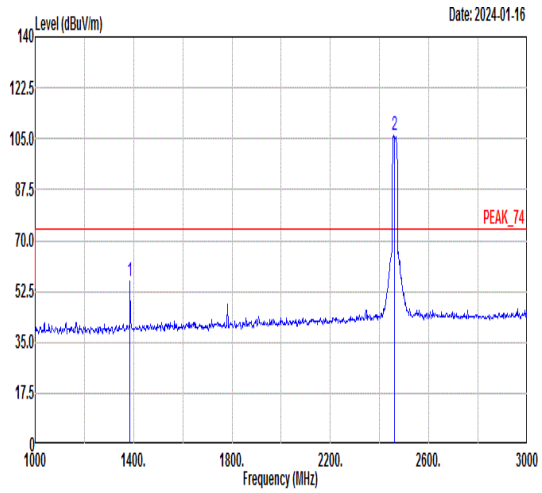
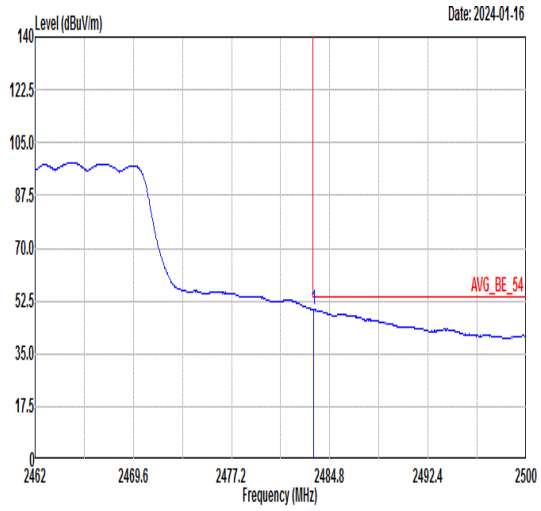
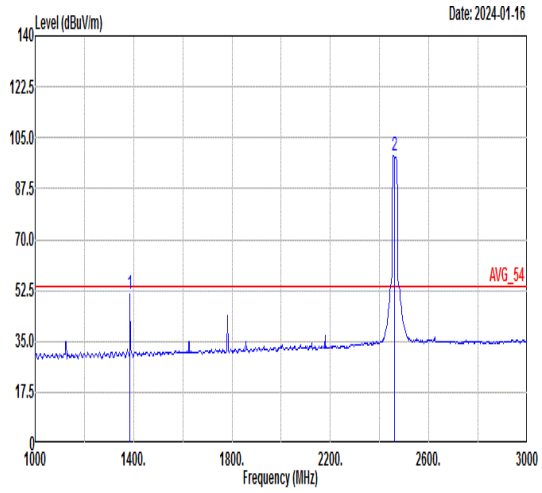
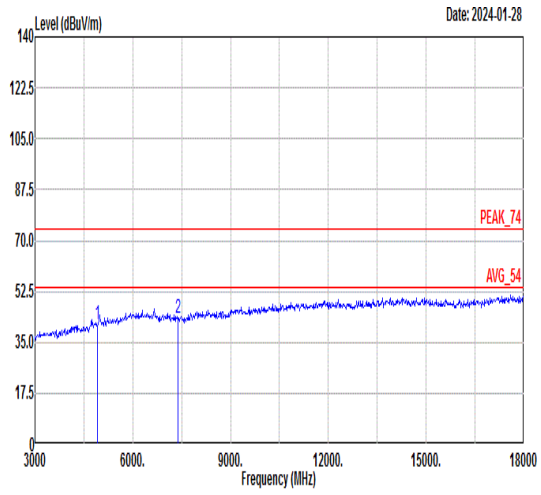
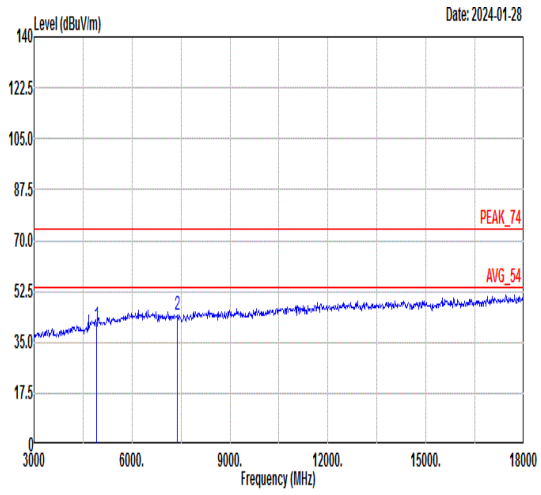
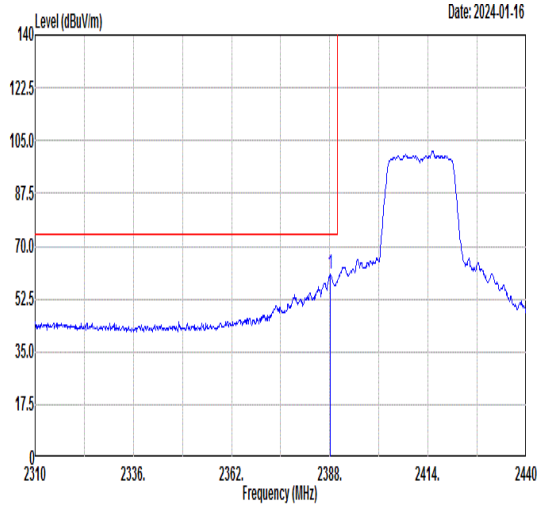
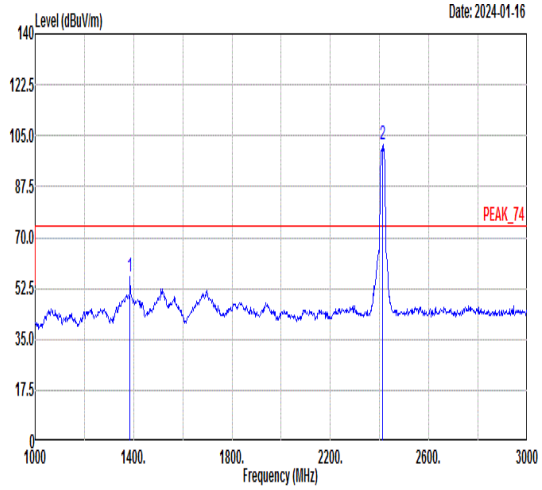
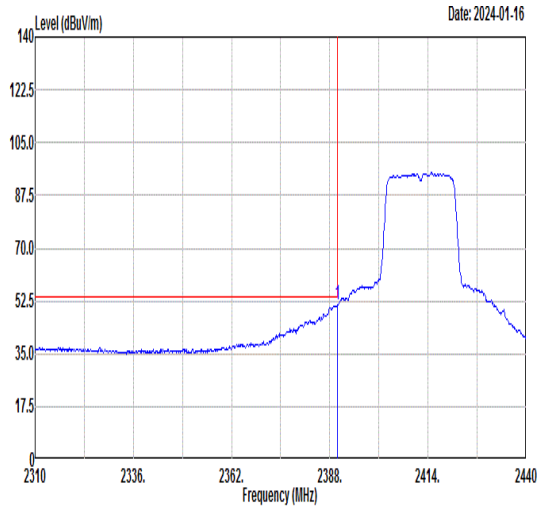
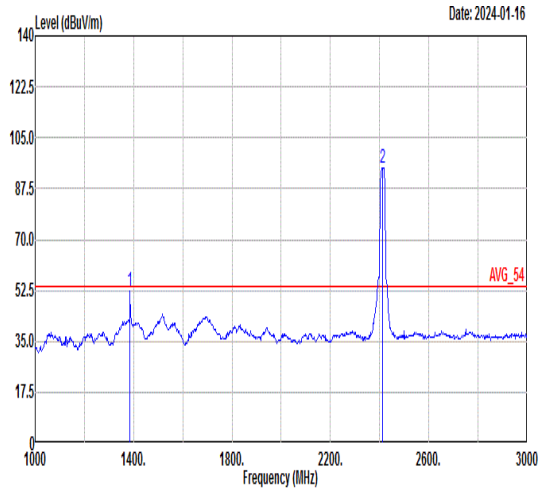
	2400-2483.5_802.11g_CH06_2437MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Limit Read Ant Cable Preamp APos TPos Freq Level Line Margin Level Factor Loss Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2487.15 51.38 74.00 -22.62 48.81 30.70 5.46 33.59 308 0 PEAK	Blank
Avg	 Limit Read Ant Cable Preamp APos TPos Freq Level Line Margin Level Factor Loss Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2484.57 40.65 54.00 -13.35 38.08 30.70 5.46 33.59 308 0 AVERAGE	Blank

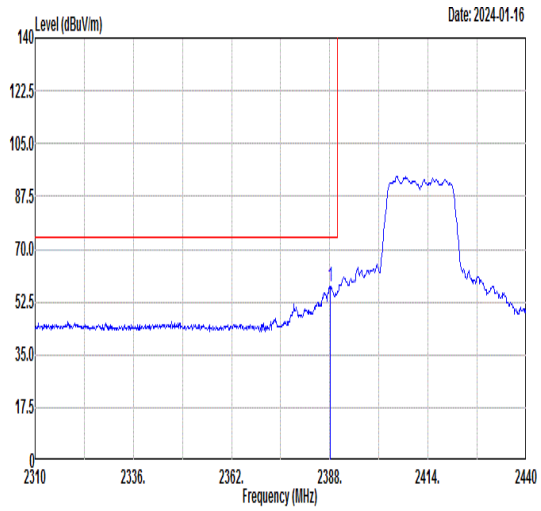
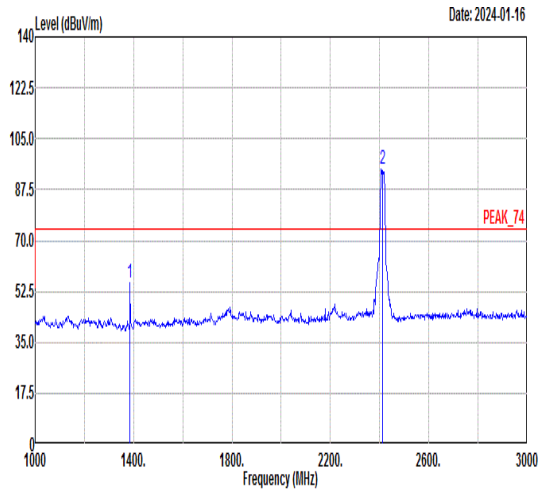
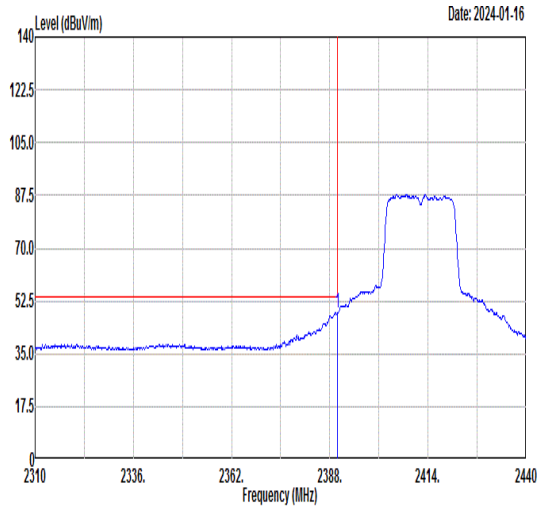
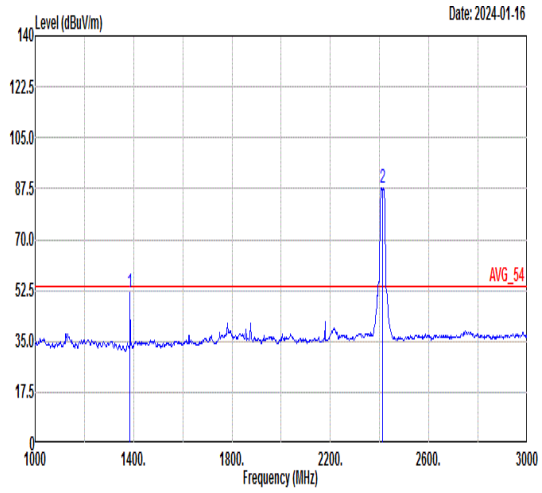
Mode	5	
	Harmonic	
	2400-2483.5_802.11g_CH06_2437MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 43.30 74.00 -30.70 63.55 35.90 8.72 64.87 --- --- Peak 2 7311.00 44.20 74.00 -29.80 62.00 36.88 10.18 64.86 --- --- 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 44.36 74.00 -29.64 64.61 35.90 8.72 64.87 --- --- Peak 2 7311.00 46.96 74.00 -27.04 64.76 36.88 10.18 64.86 --- --- Peak

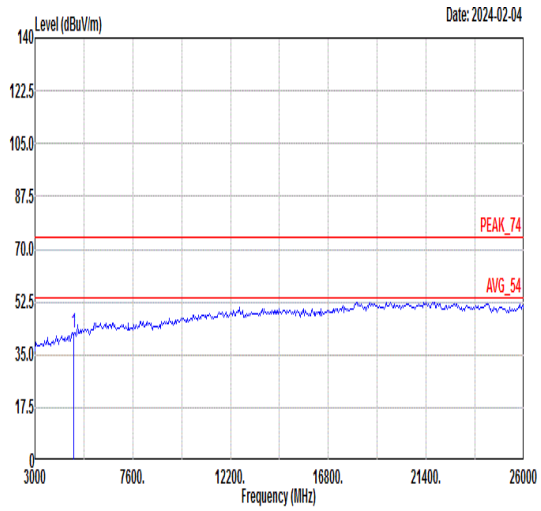
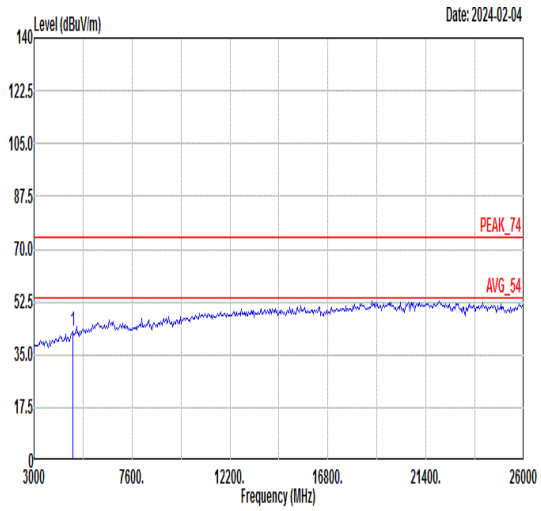
Mode	6	
	Band Edge	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.46 62.54 74.00 -11.46 59.50 30.70 5.46 33.12 113 140 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.40 74.00 -18.60 56.34 29.42 4.13 34.49 113 140 PEAK 2 2462.00 107.24 ------ ------ 104.24 30.71 5.44 33.15 113 140 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.62 49.94 54.00 -4.06 46.90 30.70 5.46 33.12 113 140 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.45 54.00 -2.55 52.39 29.42 4.13 34.49 113 140 AVERAGE 2 2462.00 99.39 ------ ------ 96.41 30.71 5.43 33.16 113 140 AVERAGE

Mode	6	
	Band Edge	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.51 59.58 74.00 -14.42 56.54 30.70 5.46 33.12 351 184 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.86 74.00 -18.14 56.80 29.42 4.13 34.49 351 184 PEAK 2 2462.00 106.34 ------ ------ 103.36 30.71 5.43 33.16 351 184 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.55 49.57 54.00 -4.43 46.53 30.70 5.46 33.12 351 184 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.51 54.00 -2.49 52.45 29.42 4.13 34.49 351 184 AVERAGE 2 2462.00 98.75 ------ ------ 95.77 30.71 5.43 33.16 351 184 AVERAGE

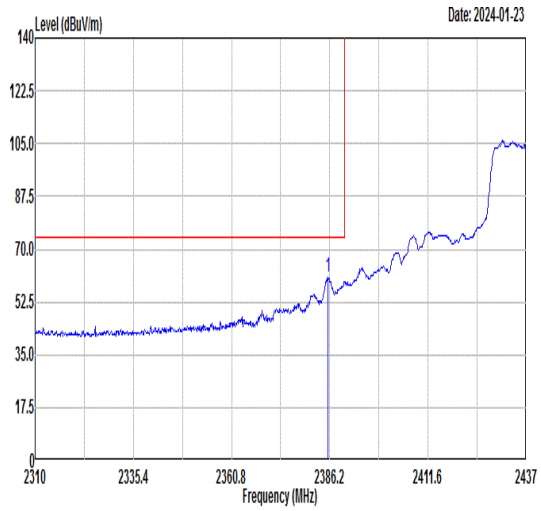
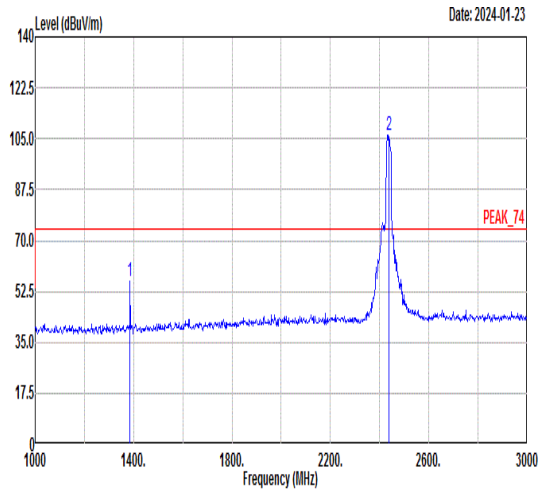
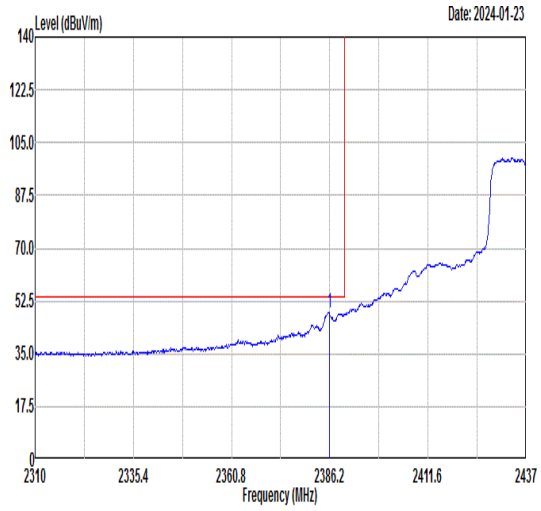
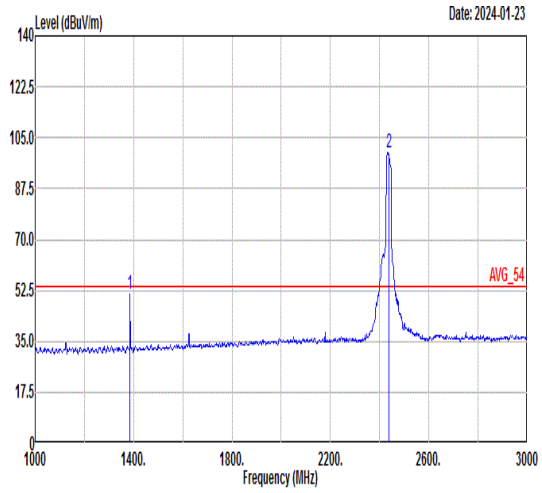
Mode	6	
	Harmonic	
	2400-2483.5_802.11g_CH11_2462MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 40.96 74.00 -33.04 61.26 36.02 8.57 64.89 --- --- Peak 2 7386.00 43.53 74.00 -30.47 61.36 36.85 10.18 64.86 --- --- 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 40.55 74.00 -33.45 60.85 36.02 8.57 64.89 --- --- Peak 2 7386.00 44.19 74.00 -29.81 62.02 36.85 10.18 64.86 --- --- Peak

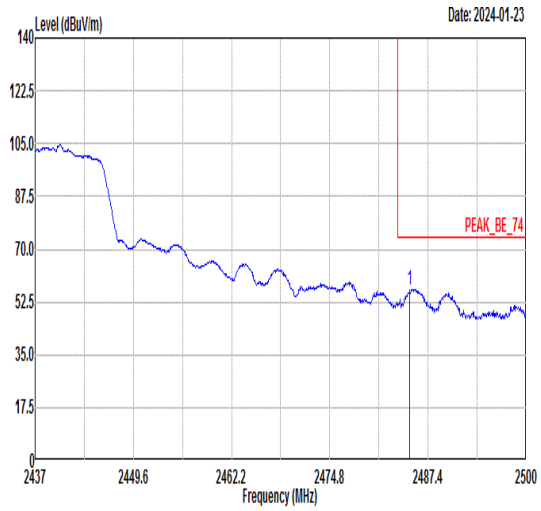
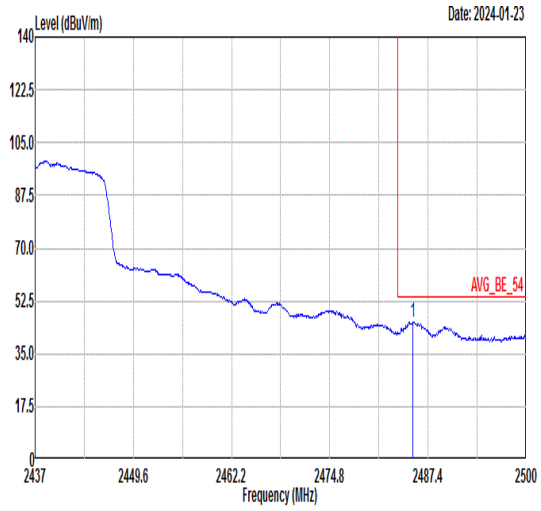
Mode	7	
	Band Edge	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2388.13 60.77 74.00 -13.23 57.95 30.72 5.36 33.26 400 260 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 1386.00 56.38 74.00 -17.62 57.32 29.42 4.13 34.49 400 260 PEAK 2 2412.00 101.92 ------ ------ 99.04 30.72 5.38 33.22 400 260 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 50.98 54.00 -3.02 48.15 30.72 5.36 33.25 400 260 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 1386.00 52.52 54.00 -1.48 53.46 29.42 4.13 34.49 400 260 AVERAGE 2 2412.00 94.73 ------ ------ 91.85 30.72 5.38 33.22 400 260 AVERAGE

Mode	7	
	Band Edge	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2388.13 57.78 74.00 -16.22 54.96 30.72 5.36 33.26 301 357 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.42 74.00 -18.58 56.36 29.42 4.13 34.49 301 357 PEAK 2 2412.00 94.43 ------ ------ 91.57 30.72 5.37 33.23 301 357 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.95 48.70 54.00 -5.30 45.87 30.72 5.36 33.25 301 357 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.73 54.00 -2.27 52.67 29.42 4.13 34.49 301 357 AVERAGE 2 2412.00 87.56 ------ ------ 84.70 30.72 5.37 33.23 301 357 AVERAGE

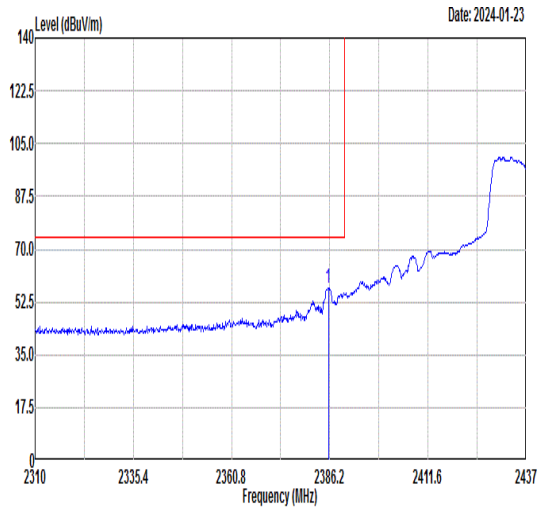
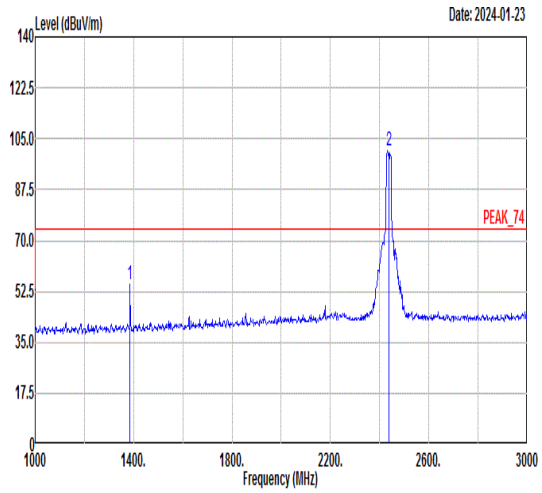
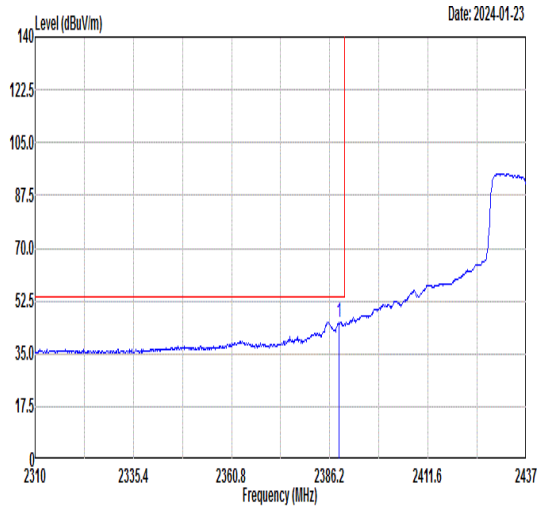
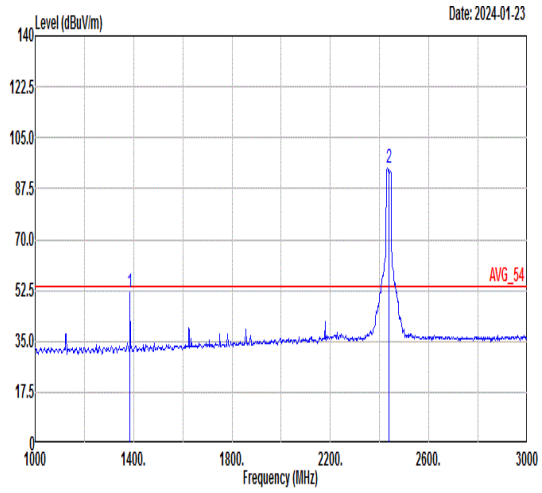
Mode	7	
	Harmonic	
	2400-2483.5_802.11n HT20_CH01_2412MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 42.00 74.00 -32.00 62.19 35.78 8.88 64.85 --- --- 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 42.99 74.00 -31.01 63.18 35.78 8.88 64.85 --- --- Peak

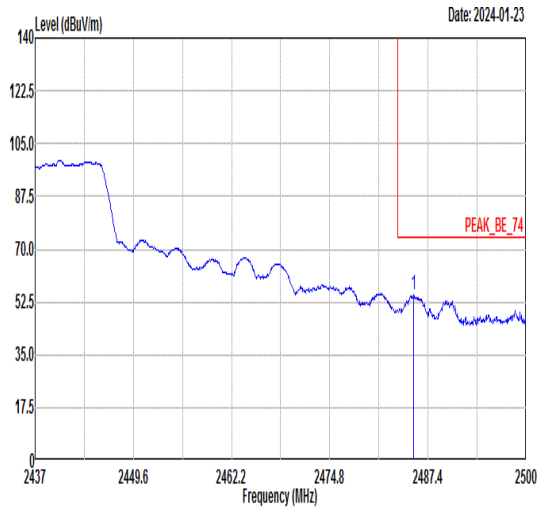
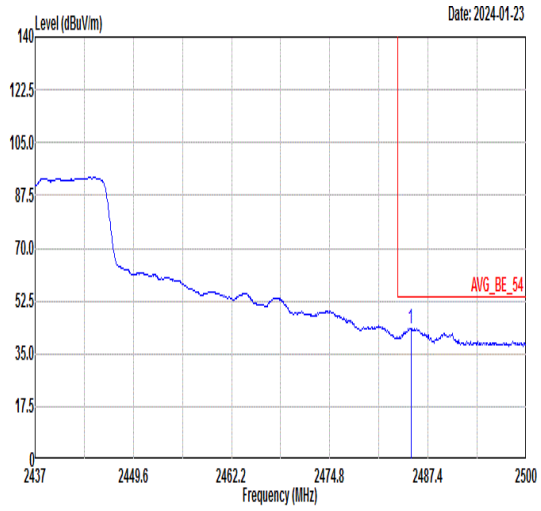
Mode	8
	Band Edge - L
	2400-2483.5_802.11n HT20_CH06_2437MHz
ANT	CDD 0+1

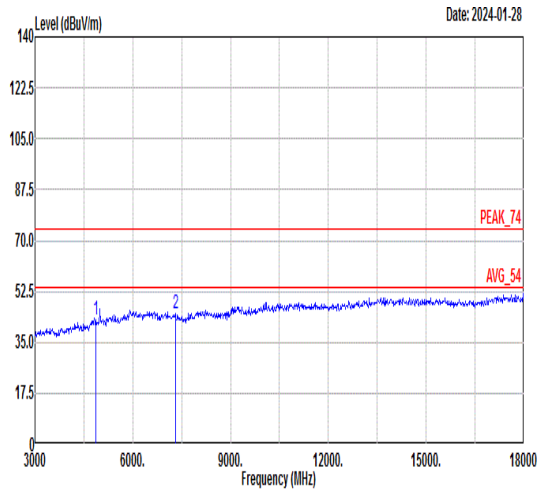
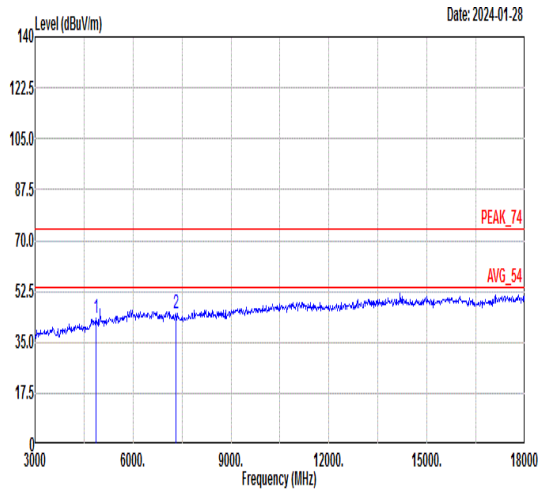
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2385.69 60.64 74.00 -13.36 58.10 30.72 5.35 33.53 400 248 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 56.04 74.00 -17.96 57.42 29.42 4.13 34.93 400 248 PEAK 2 2437.00 106.26 ------ ------ 103.71 30.71 5.40 33.56 400 248 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2386.07 48.59 54.00 -5.41 46.04 30.72 5.36 33.53 400 248 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.05 54.00 -2.95 52.43 29.42 4.13 34.93 400 248 AVERAGE 2 2437.00 99.95 ------ ------ 97.40 30.71 5.40 33.56 400 248 AVERAGE

Mode	8	
	Band Edge - R	
	2400-2483.5_802.11n HT20_CH06_2437MHz	
ANT	CDD 0+1	
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 2485.07 56.77 74.00 -17.23 54.20 30.70 5.46 33.59 400 248 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 2485.45 45.61 54.00 -8.39 43.04 30.70 5.46 33.59 400 248 AVERAGE	Blank

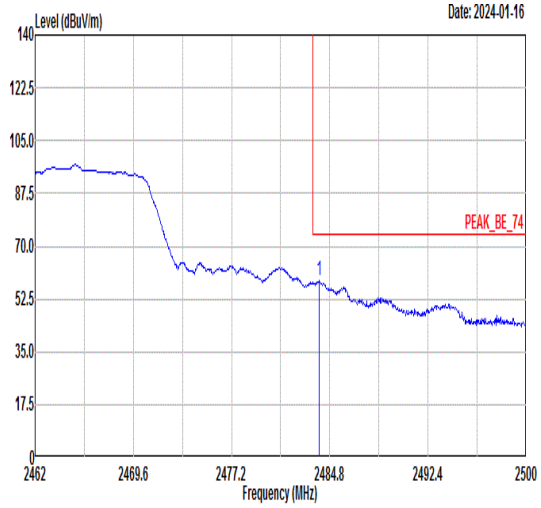
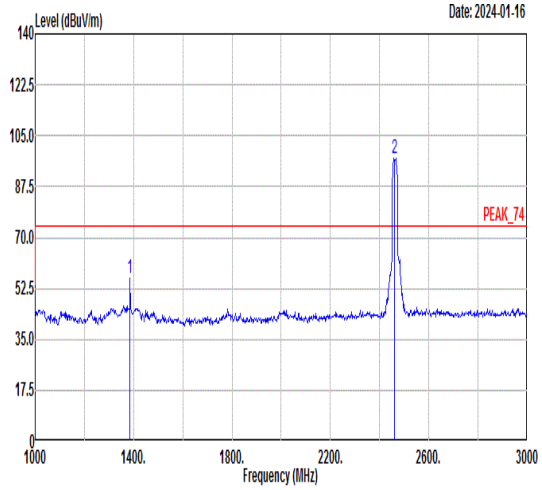
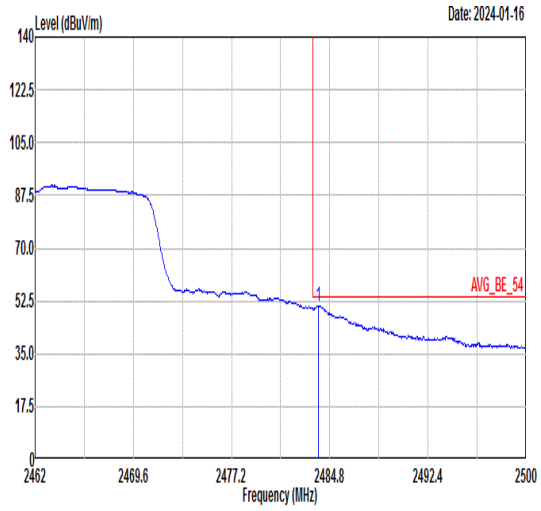
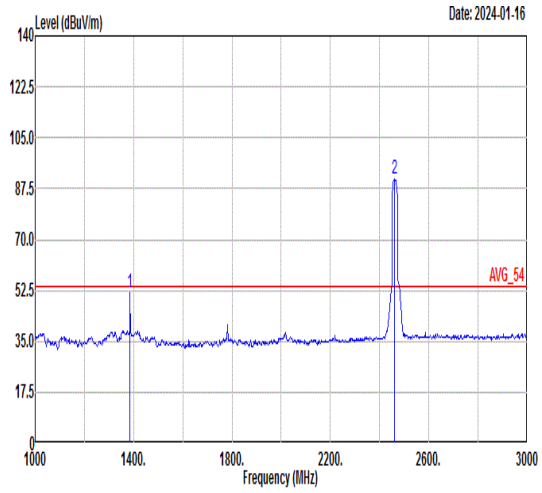
Mode	8
	Band Edge - L
	2400-2483.5_802.11n HT20_CH06_2437MHz
ANT	CDD 0+1

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 2385.82 57.09 74.00 -16.91 54.54 30.72 5.36 33.53 295 360 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 1386.00 55.17 74.00 -18.83 56.55 29.42 4.13 34.93 295 360 PEAK 2 2437.00 100.79 ------ ------ 98.24 30.71 5.40 33.56 295 360 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 2388.61 45.42 54.00 -8.58 42.87 30.72 5.36 33.53 295 360 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 1386.00 51.74 54.00 -2.26 53.12 29.42 4.13 34.93 295 360 AVERAGE 2 2437.00 94.65 ------ ------ 92.10 30.71 5.40 33.56 295 360 AVERAGE

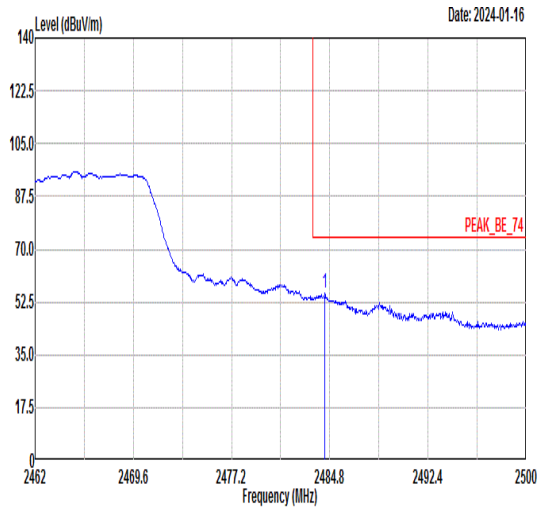
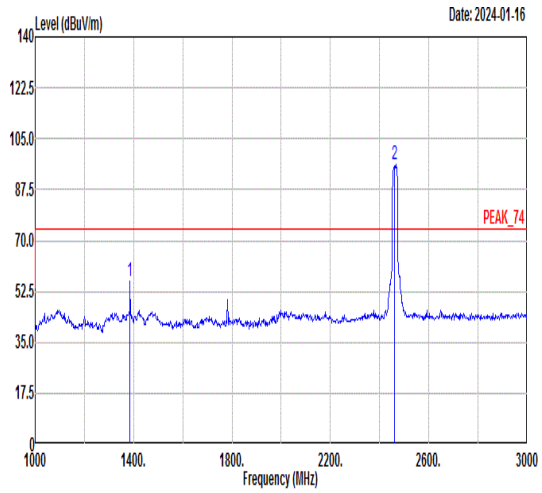
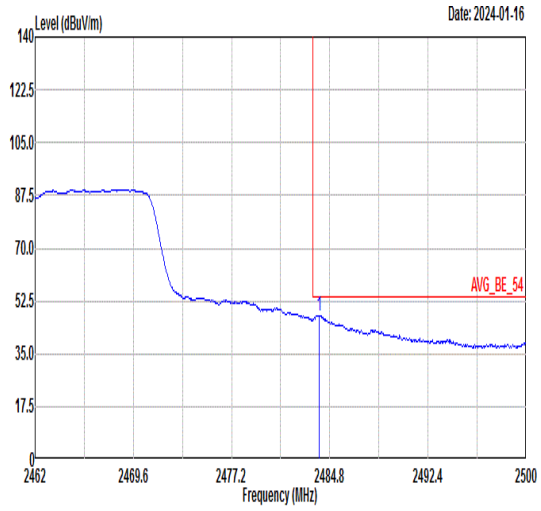
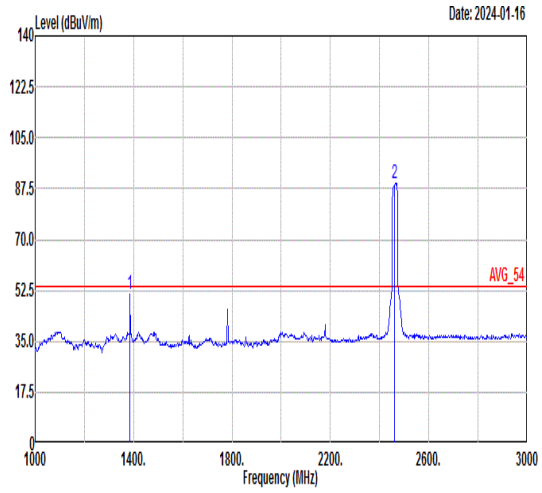
Mode	8	
	Band Edge - R	
	2400-2483.5_802.11n HT20_CH06_2437MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2485.57 55.04 74.00 -18.96 52.47 30.70 5.46 33.59 295 360 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 2485.20 43.19 54.00 -10.81 40.62 30.70 5.46 33.59 295 360 AVERAGE	Blank

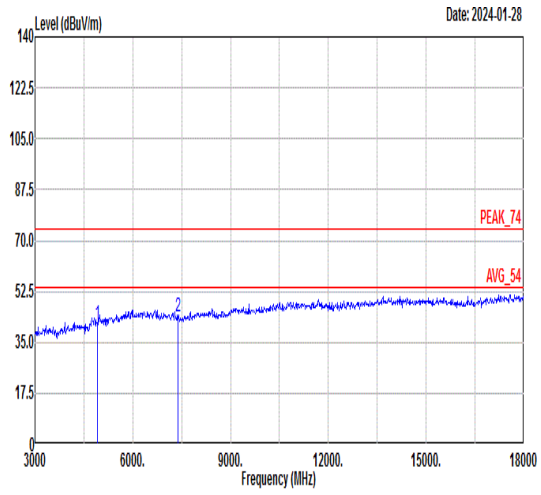
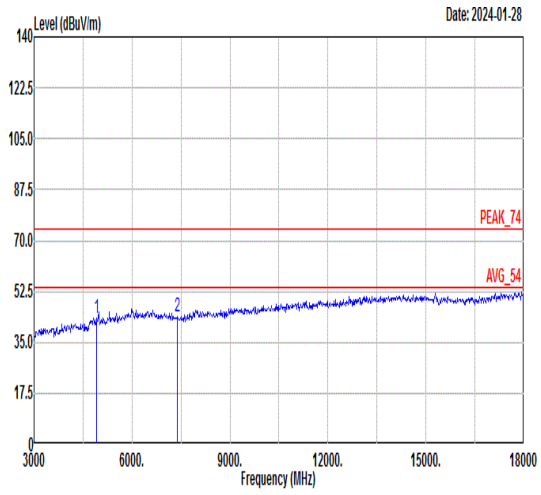
Mode	8	
	Harmonic	
	2400-2483.5_802.11n HT20_CH06_2437MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 42.55 74.00 -31.45 62.80 35.90 8.72 64.87 --- --- Peak 2 7311.00 45.00 74.00 -29.00 62.80 36.88 10.18 64.86 --- --- 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 43.58 74.00 -30.42 63.83 35.90 8.72 64.87 --- --- Peak 2 7311.00 44.91 74.00 -29.09 62.71 36.88 10.18 64.86 --- --- Peak

Mode	9
	Band Edge
	2400-2483.5_802.11n HT20_CH11_2462MHz
ANT	CDD 0+1

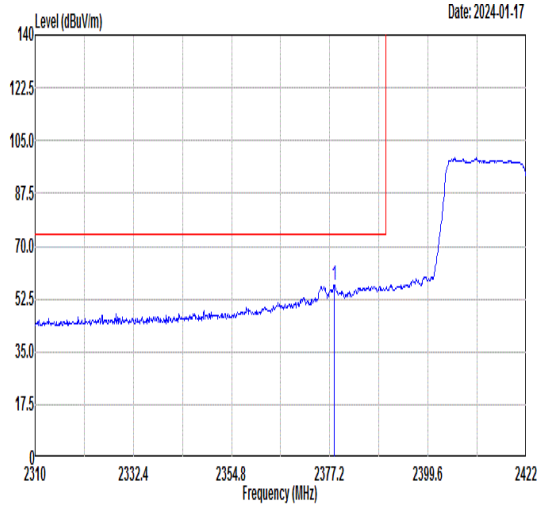
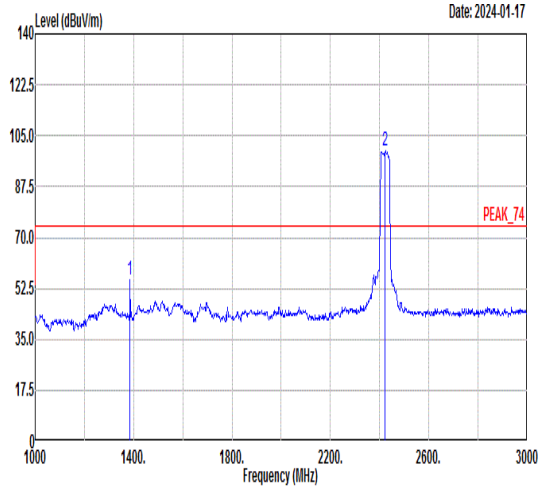
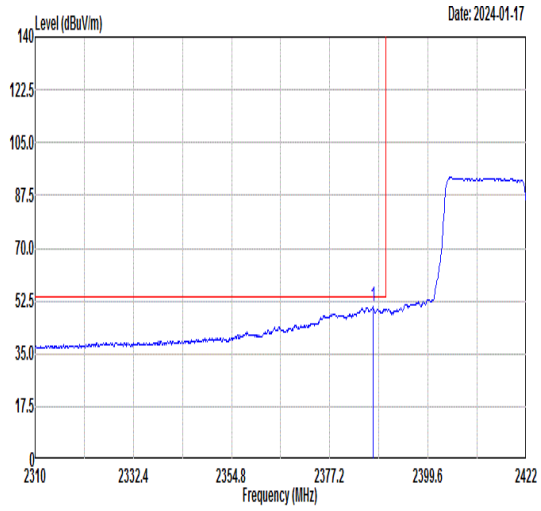
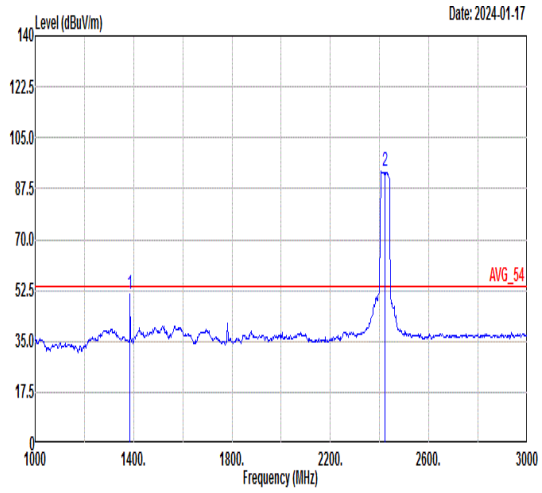
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.00 58.65 74.00 -15.35 55.61 30.70 5.46 33.12 143 236 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.93 74.00 -18.07 56.87 29.42 4.13 34.49 143 236 PEAK 2 2462.00 97.46 ------ ------ 94.46 30.71 5.44 33.15 143 236 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2483.93 50.79 54.00 -3.21 47.75 30.70 5.46 33.12 143 236 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.81 54.00 -2.19 52.75 29.42 4.13 34.49 143 236 AVERAGE 2 2462.00 90.94 ------ ------ 87.94 30.71 5.44 33.15 143 236 AVERAGE

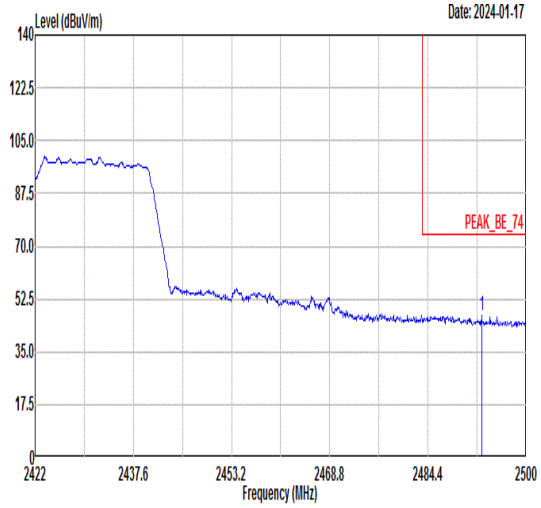
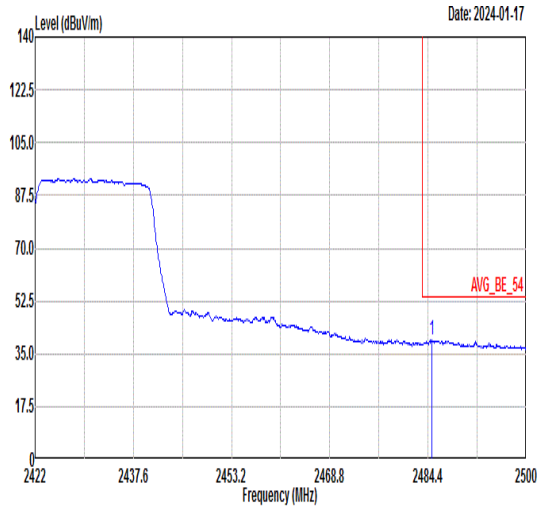
Mode	9
	Band Edge
	2400-2483.5_802.11n HT20_CH11_2462MHz
ANT	CDD 0+1

Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.42 55.32 74.00 -18.68 52.28 30.70 5.46 33.12 300 189 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.74 74.00 -18.26 56.68 29.42 4.13 34.49 300 189 PEAK 2 2462.00 95.93 ------ ------ 92.93 30.71 5.44 33.15 300 189 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2484.00 47.62 54.00 -6.38 44.58 30.70 5.46 33.12 300 189 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.42 54.00 -2.58 52.36 29.42 4.13 34.49 300 189 AVERAGE 2 2462.00 89.15 ------ ------ 86.14 30.71 5.44 33.14 300 189 AVERAGE

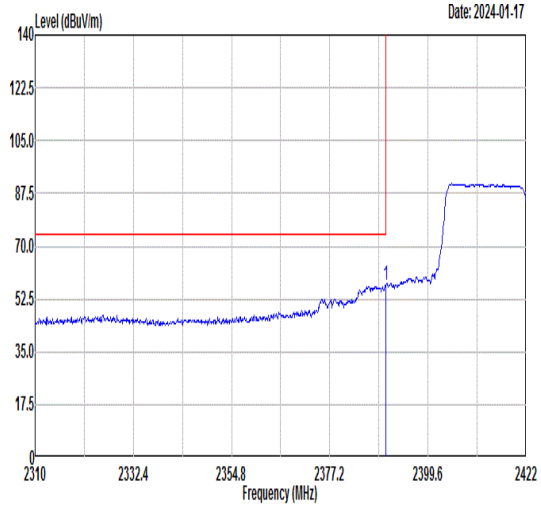
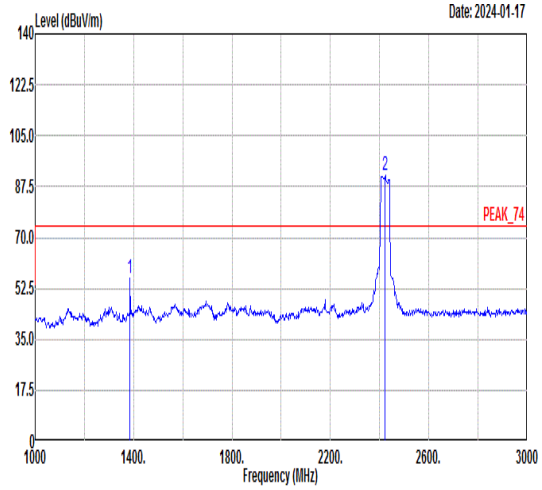
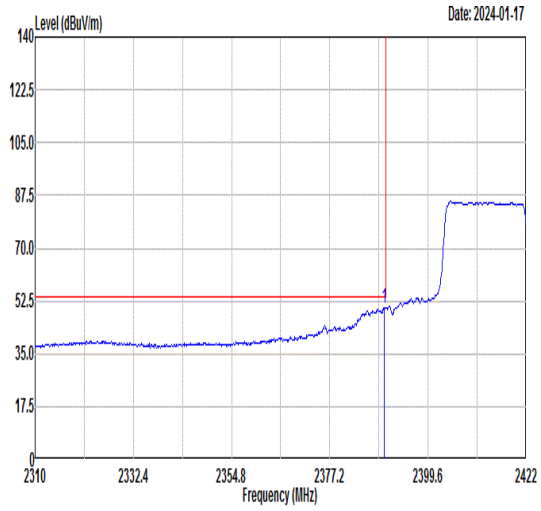
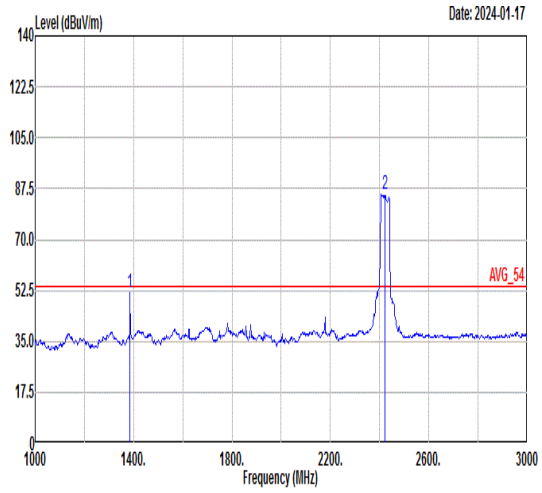
Mode	9	
	Harmonic	
	2400-2483.5_802.11n HT20_CH11_2462MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4924.00 41.31 74.00 -32.69 61.61 36.02 8.57 64.89 --- --- Peak 2 7386.00 44.07 74.00 -29.93 61.90 36.85 10.18 64.86 --- --- 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 43.20 74.00 -30.80 63.50 36.02 8.57 64.89 --- --- Peak 2 7386.00 43.86 74.00 -30.14 61.69 36.85 10.18 64.86 --- --- Peak

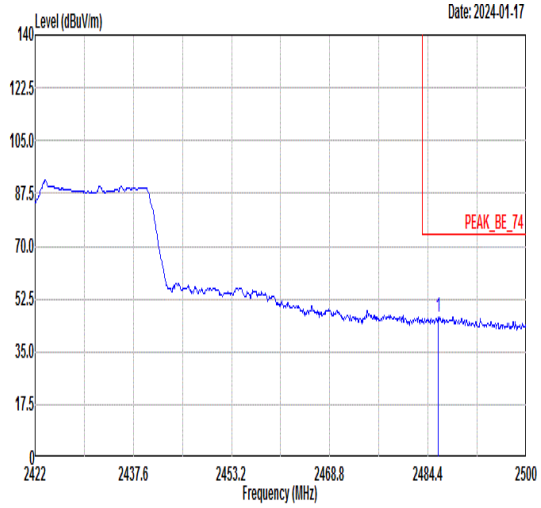
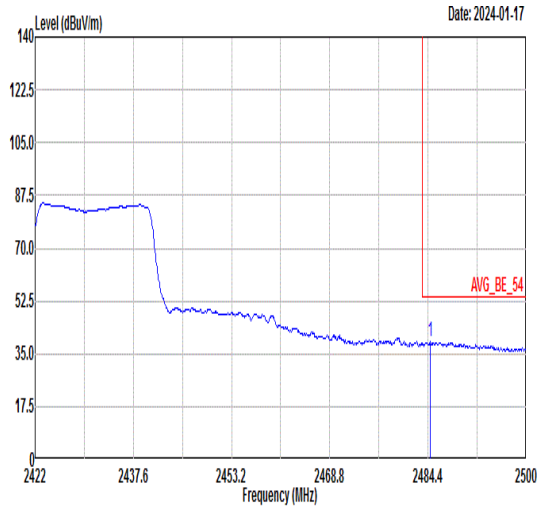
Mode	10
	Band Edge - L
	2400-2483.5_802.11n HT40_CH03_2422MHz
ANT	CDD 0+1

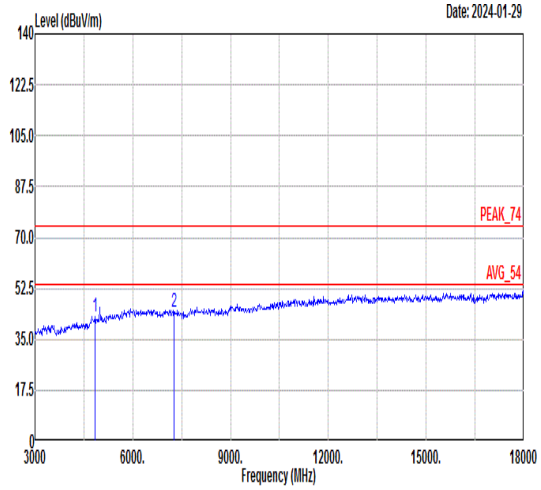
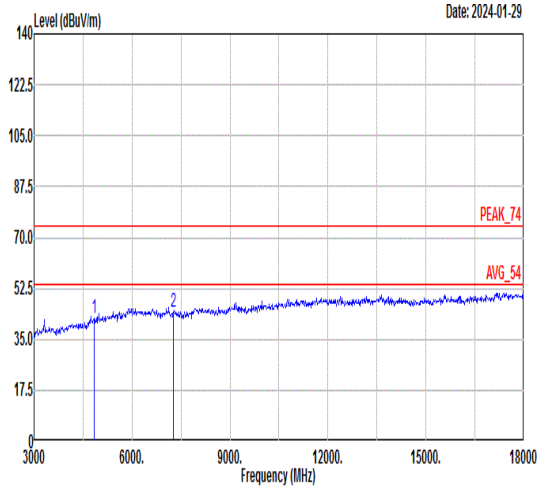
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2378.21 57.20 74.00 -16.80 54.40 30.72 5.35 33.27 117 97 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 1386.00 55.36 74.00 -18.64 56.30 29.42 4.13 34.49 117 97 PEAK 2 2422.00 99.91 ------ ------ 97.01 30.72 5.39 33.21 117 97 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 2387.06 50.58 54.00 -3.42 47.76 30.72 5.36 33.26 117 97 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 1386.00 51.11 54.00 -2.89 52.05 29.42 4.13 34.49 117 97 AVERAGE 2 2422.00 93.54 ------ ------ 90.68 30.72 5.37 33.23 117 97 AVERAGE

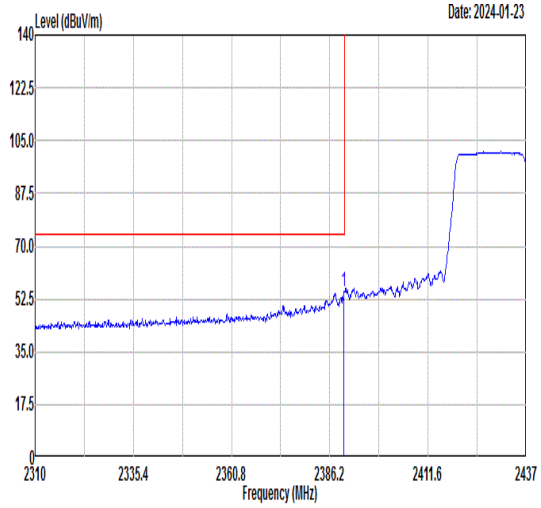
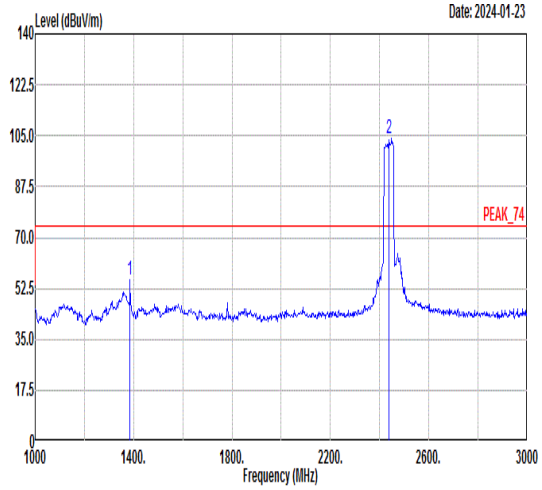
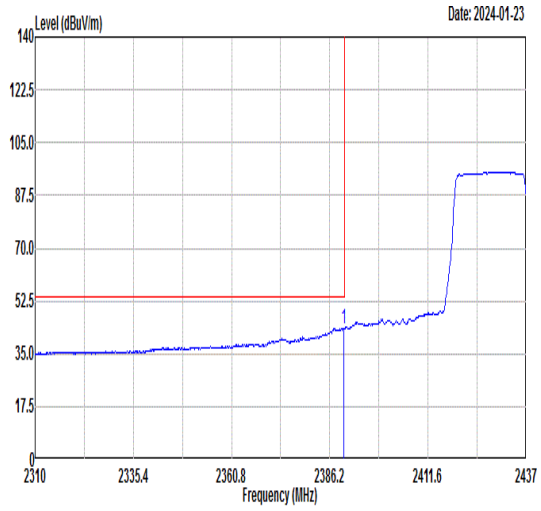
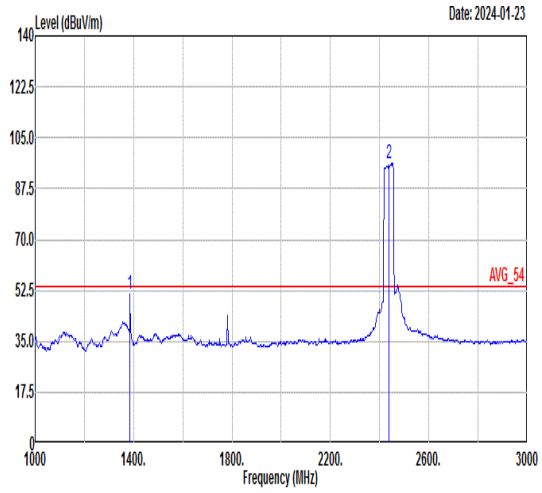
Mode	10	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2492.90 46.81 74.00 -27.19 43.75 30.70 5.47 33.11 117 97 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 2485.02 39.77 54.00 -14.23 36.73 30.70 5.46 33.12 117 97 AVERAGE	Blank

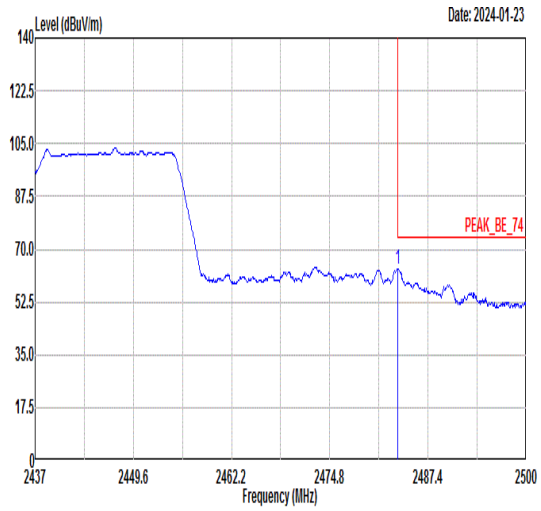
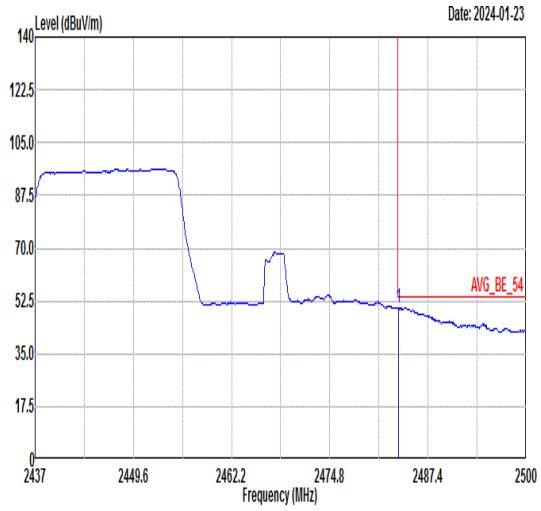
Mode	10
	Band Edge - L
	2400-2483.5_802.11n HT40_CH03_2422MHz
ANT	CDD 0+1

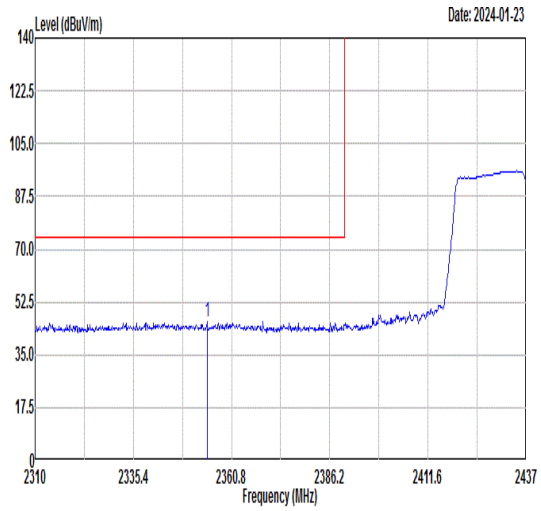
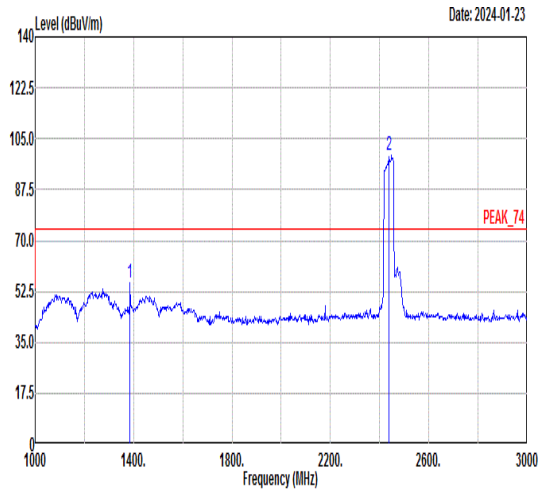
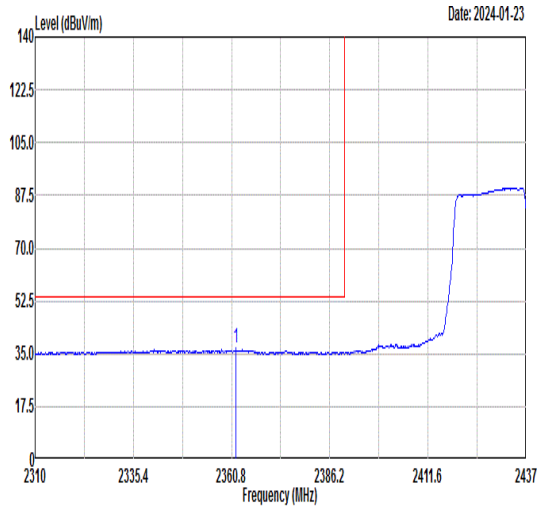
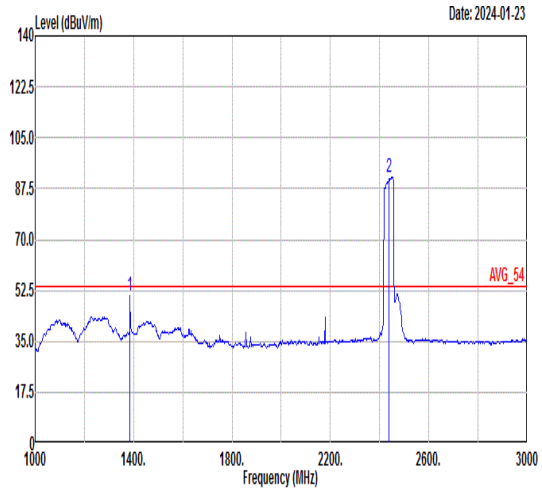
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.97 57.07 74.00 -16.93 54.24 30.72 5.36 33.25 303 356 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.78 74.00 -18.22 56.72 29.42 4.13 34.49 303 356 PEAK 2 2422.00 91.56 ------ ------ 88.66 30.72 5.39 33.21 303 356 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.63 50.32 54.00 -3.68 47.49 30.72 5.36 33.25 303 356 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.59 54.00 -2.41 52.53 29.42 4.13 34.49 303 356 AVERAGE 2 2422.00 85.42 ------ ------ 82.56 30.72 5.37 33.23 303 356 AVERAGE

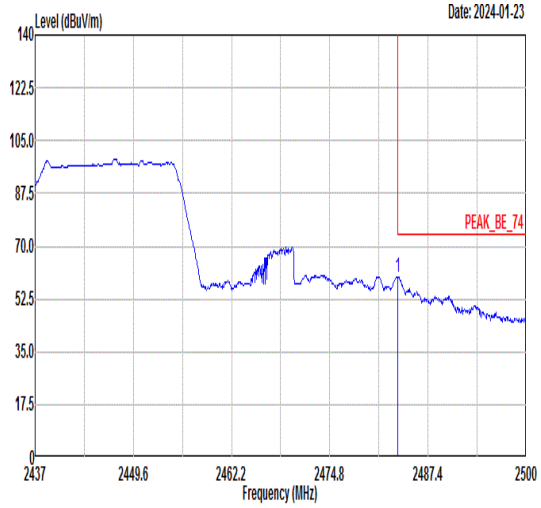
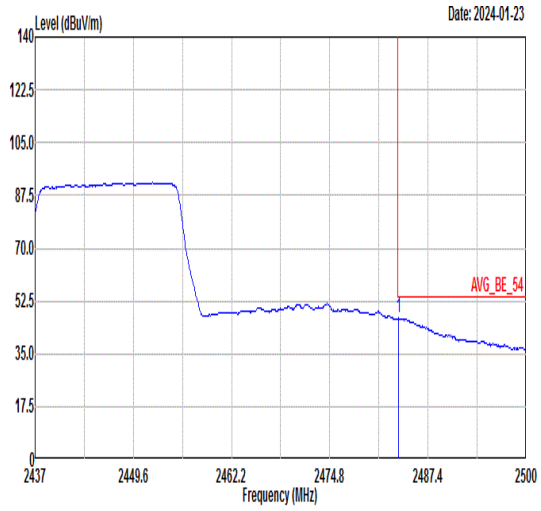
Mode	10	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Limit Read Ant Cable Preamp APos TPos Freq Level Line Margin Level Factor Loss Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2486.04 46.48 74.00 -27.52 43.44 30.70 5.46 33.12 303 356 PEAK	Blank
Avg	 Limit Read Ant Cable Preamp APos TPos Freq Level Line Margin Level Factor Loss Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2484.71 38.87 54.00 -15.13 35.83 30.70 5.46 33.12 303 356 AVERAGE	Blank

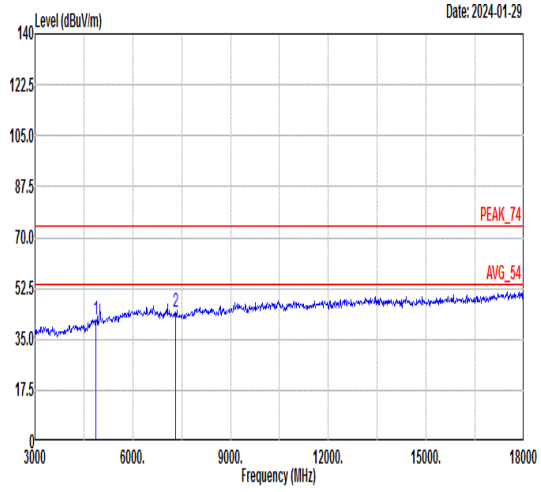
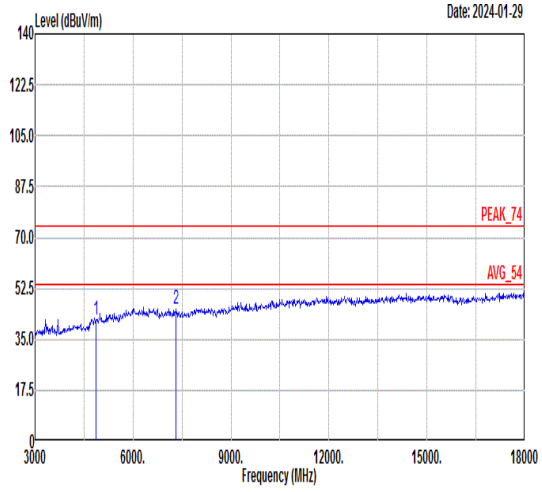
Mode	10	
	Harmonic	
	2400-2483.5_802.11n HT40_CH03_2422MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4844.00 42.70 74.00 -31.30 62.92 35.83 8.81 64.86 --- --- Peak 2 7266.00 44.41 74.00 -29.59 62.20 36.89 10.18 64.86 --- --- 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 42.09 74.00 -31.91 62.31 35.83 8.81 64.86 --- --- Peak 2 7266.00 44.43 74.00 -29.57 62.22 36.89 10.18 64.86 --- --- Peak

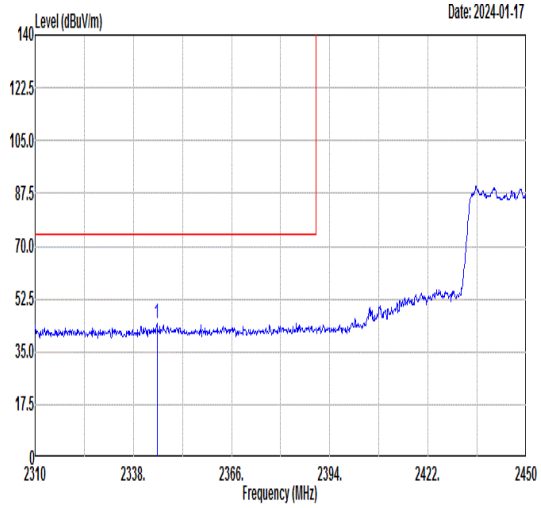
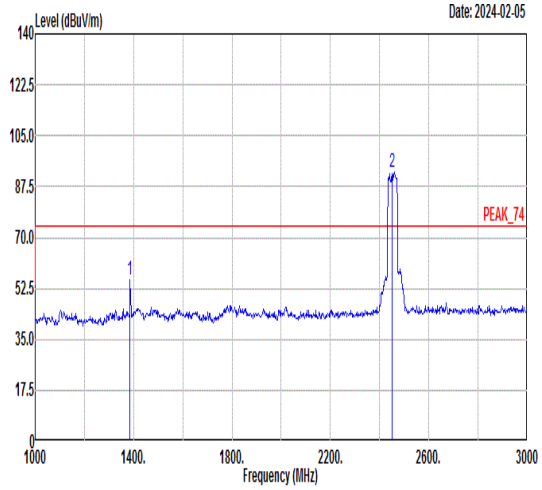
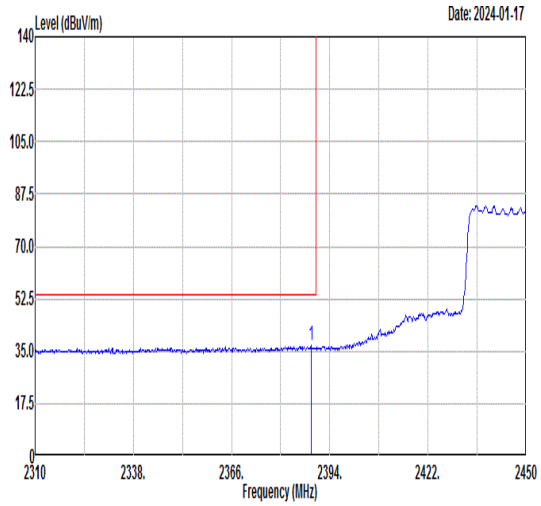
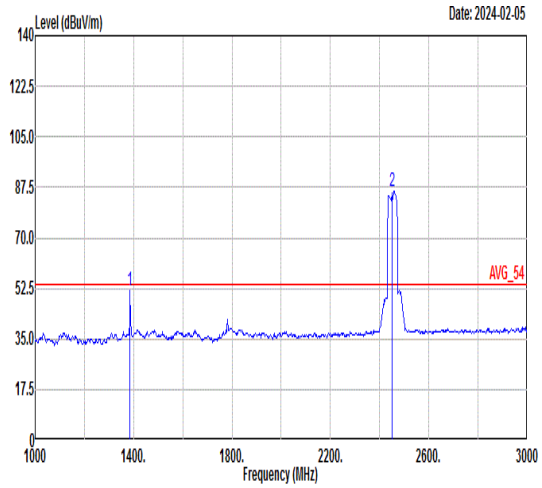
Mode	11	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.88 54.89 74.00 -19.11 52.34 30.72 5.36 33.53 109 128 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.23 74.00 -18.77 56.61 29.42 4.13 34.93 109 128 PEAK 2 2437.00 103.89 ------ ------ 101.33 30.71 5.42 33.57 109 128 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.88 43.57 54.00 -10.43 41.02 30.72 5.36 33.53 109 128 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.02 54.00 -2.98 52.40 29.42 4.13 34.93 109 128 AVERAGE 2 2437.00 96.02 ------ ------ 93.46 30.71 5.42 33.57 109 128 AVERAGE

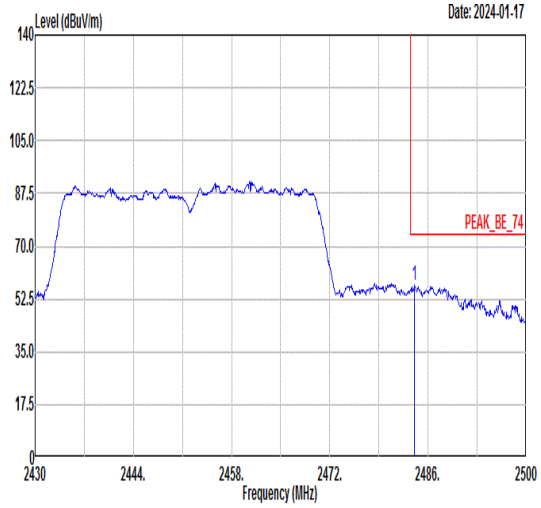
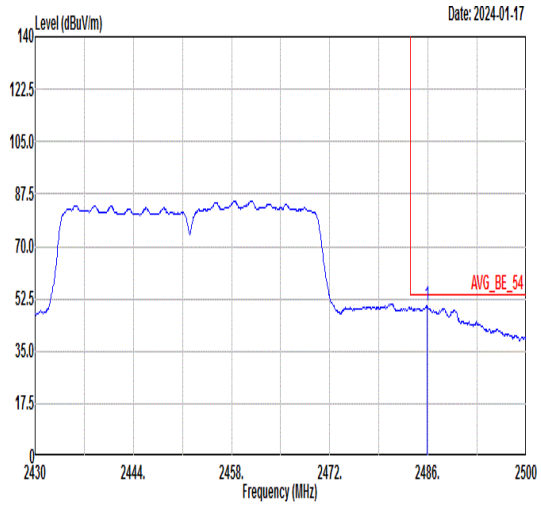
Mode	11	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2483.56 63.22 74.00 -10.78 60.65 30.70 5.46 33.59 109 128 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 2483.62 50.29 54.00 -3.71 47.72 30.70 5.46 33.59 109 128 AVERAGE	Blank

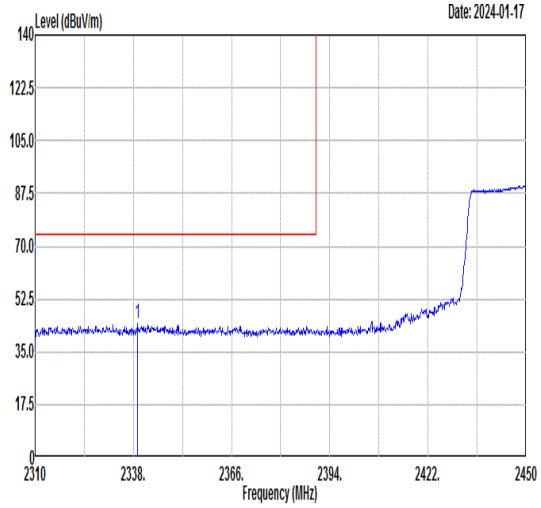
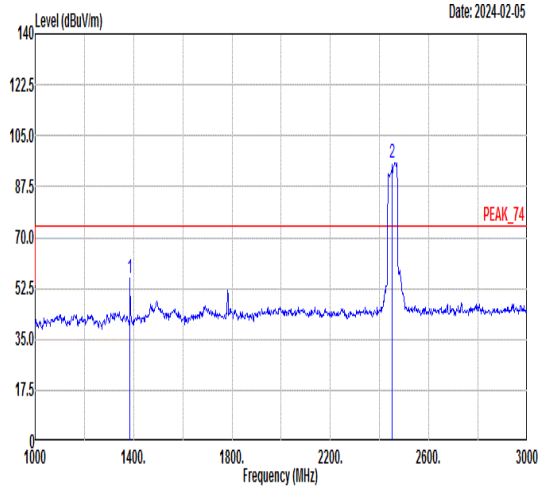
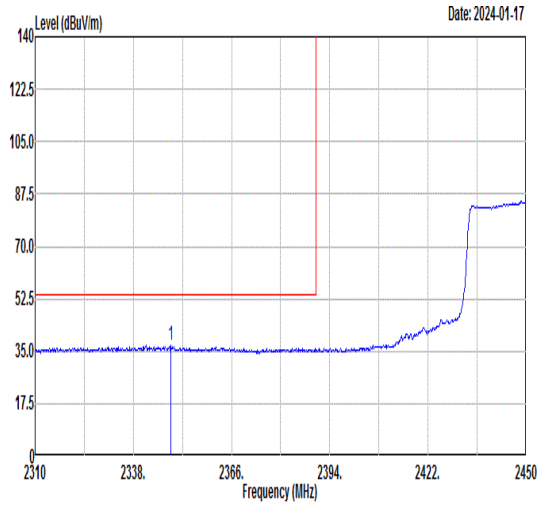
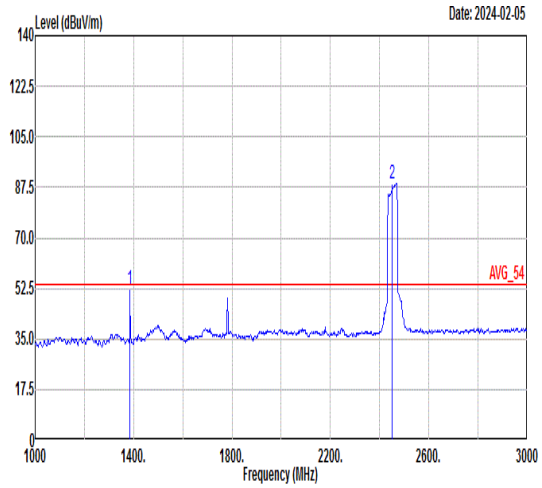
Mode	11	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2354.45 45.83 74.00 -28.17 43.28 30.73 5.33 33.51 307 360 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 1386.00 55.24 74.00 -18.76 56.62 29.42 4.13 34.93 307 360 PEAK 2 2437.00 99.44 ------ ------ 96.88 30.71 5.42 33.57 307 360 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 2361.94 36.74 54.00 -17.26 34.19 30.73 5.34 33.52 307 360 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 1386.00 50.98 54.00 -3.02 52.36 29.42 4.13 34.93 307 360 AVERAGE 2 2437.00 91.59 ------ ------ 89.02 30.71 5.43 33.57 307 360 AVERAGE

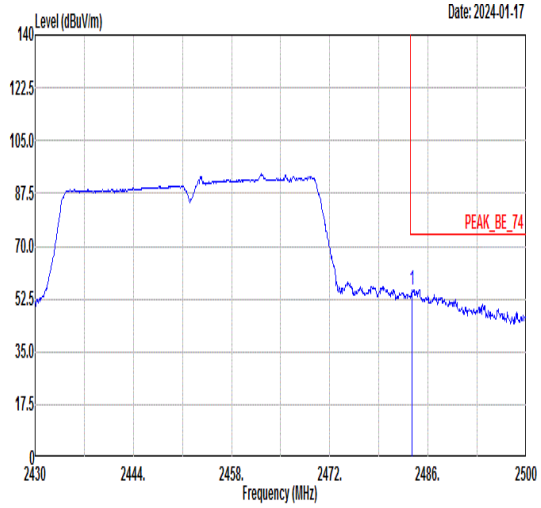
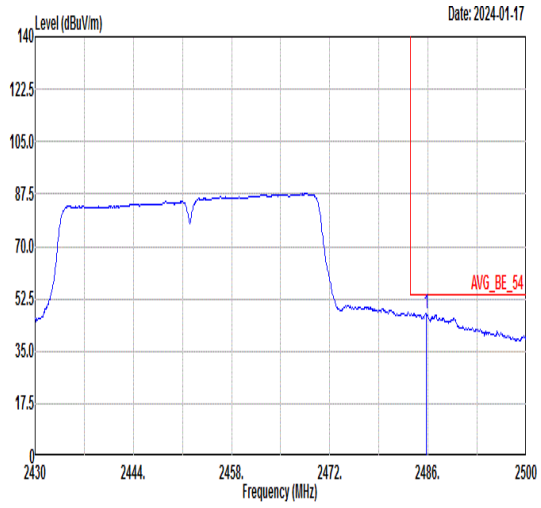
Mode	11	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2483.56 59.66 74.00 -14.34 57.09 30.70 5.46 33.59 307 360 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 2483.62 46.76 54.00 -7.24 44.19 30.70 5.46 33.59 307 360 AVERAGE	Blank

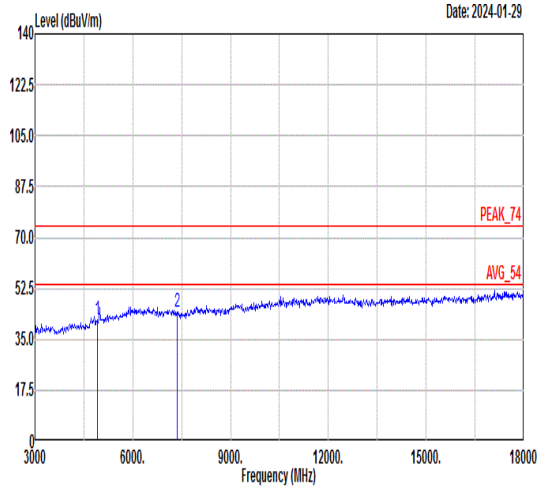
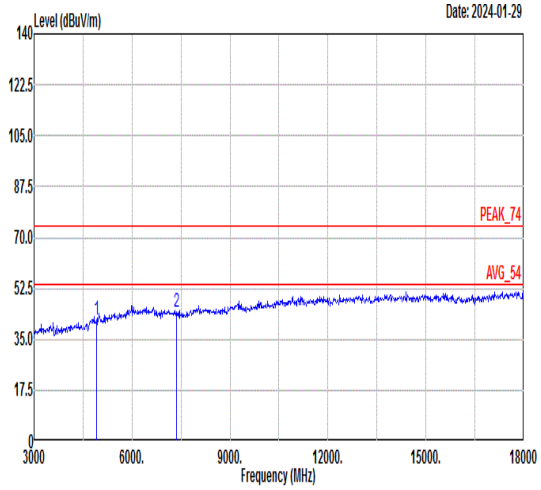
Mode	11	
	Harmonic	
	2400-2483.5_802.11n HT40_CH06_2437MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 41.71 74.00 -32.29 61.96 35.90 8.72 64.87 --- --- Peak 2 7311.00 44.60 74.00 -29.40 62.40 36.88 10.18 64.86 --- --- 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 41.80 74.00 -32.20 62.05 35.90 8.72 64.87 --- --- Peak 2 7311.00 45.29 74.00 -28.71 63.09 36.88 10.18 64.86 --- --- Peak

Mode	12	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH09_2452MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2344.72 44.24 74.00 -29.76 42.06 30.73 5.32 33.87 143 235 Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.69 74.00 -18.31 57.32 29.42 4.13 35.18 143 235 Peak 2 2452.00 92.53 ------ ------ 90.29 30.71 5.42 33.89 143 235 Peak
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2388.68 36.80 54.00 -17.20 34.60 30.72 5.36 33.88 143 235 Average	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 51.69 54.00 -2.31 53.32 29.42 4.13 35.18 143 235 Peak 2 2452.00 86.25 ------ ------ 84.01 30.71 5.42 33.89 143 235 Average

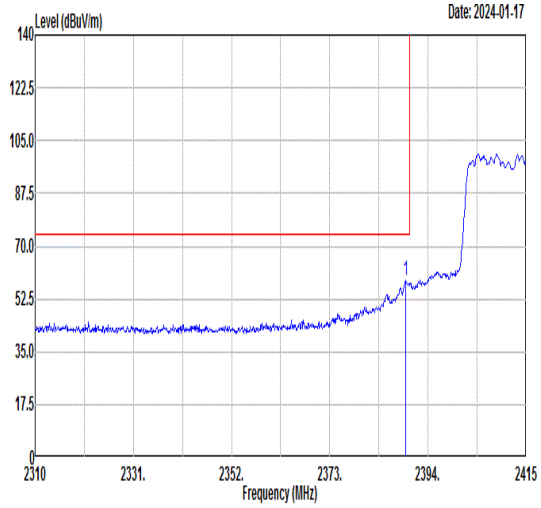
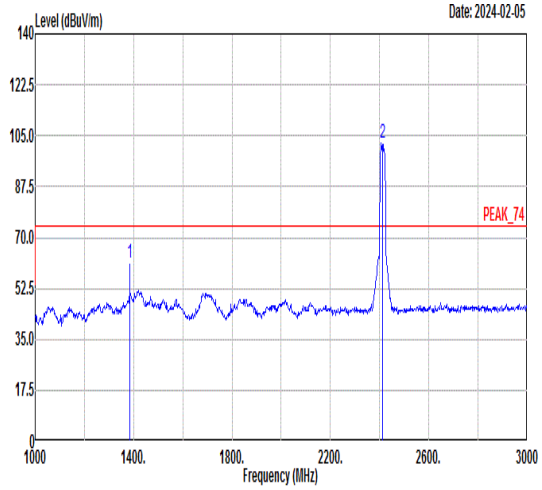
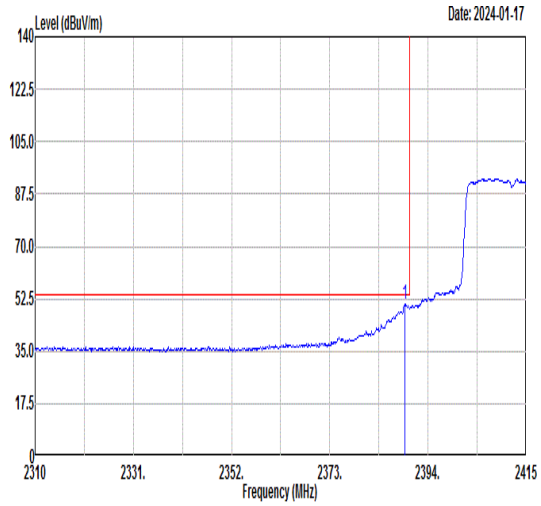
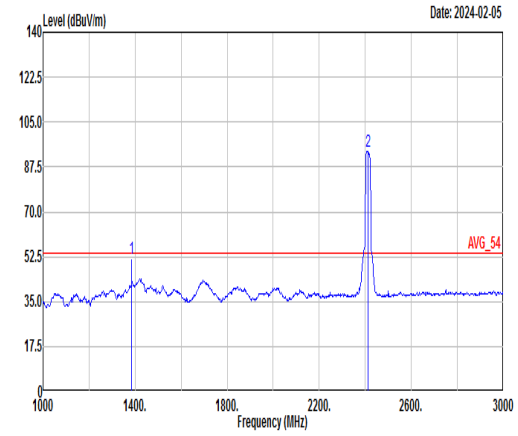
Mode	12	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH09_2452MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2484.04 56.93 74.00 -17.07 54.67 30.70 5.46 33.90 143 235 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 2485.86 50.10 54.00 -3.90 47.84 30.70 5.46 33.90 143 235 Average	Blank

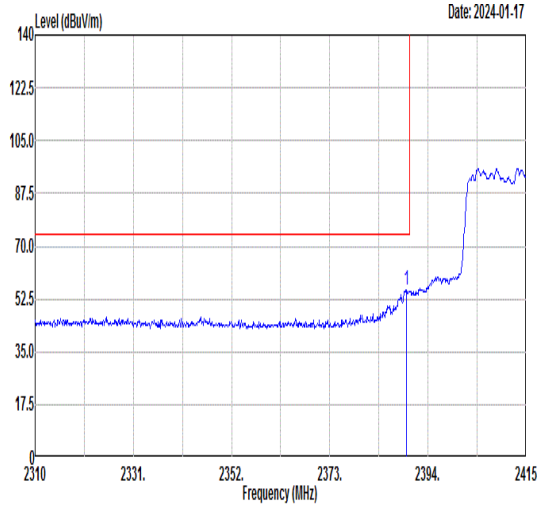
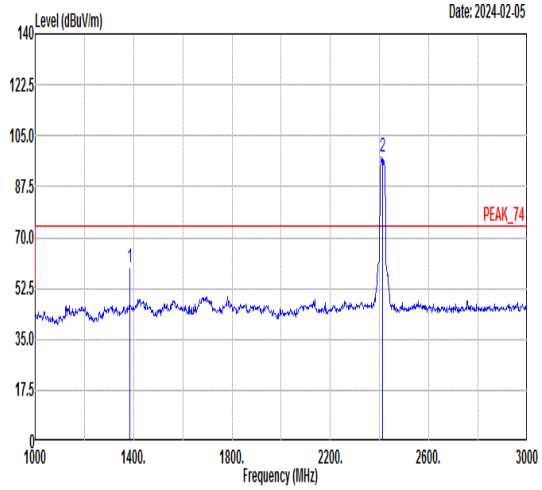
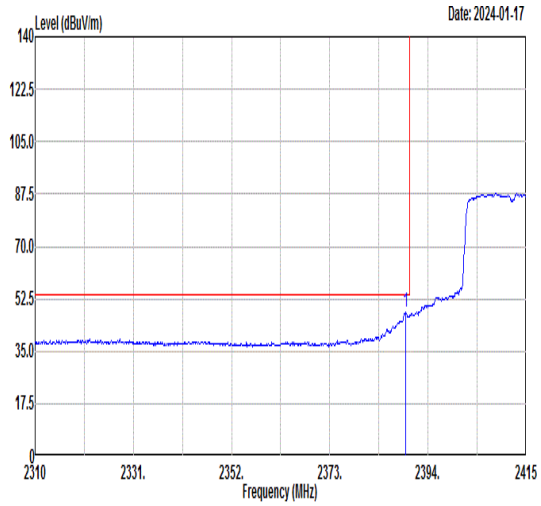
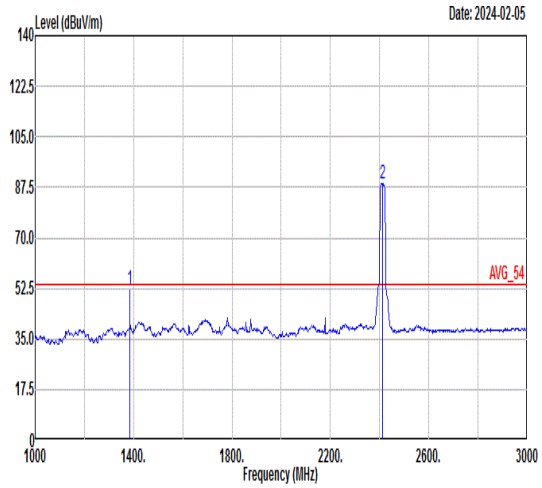
Mode	12	
	Band Edge - L	
	2400-2483.5_802.11n HT40_CH09_2452MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2339.26 44.20 74.00 -29.80 42.02 30.73 5.32 33.87 309 188 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 1386.00 56.23 74.00 -17.77 57.86 29.42 4.13 35.18 309 188 Peak 2 2452.00 95.60 ------ ------ 93.36 30.71 5.42 33.89 309 188 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 2348.64 36.97 54.00 -17.03 34.79 30.73 5.32 33.87 309 188 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 1386.00 52.27 54.00 -1.73 53.90 29.42 4.13 35.18 309 188 Peak 2 2452.00 88.99 ------ ------ 86.75 30.71 5.42 33.89 309 188 Average

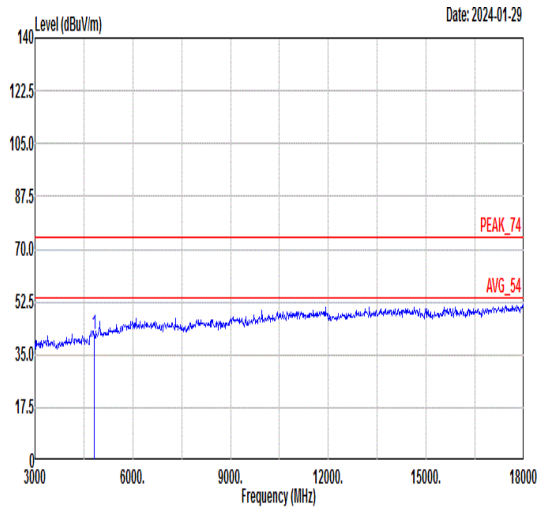
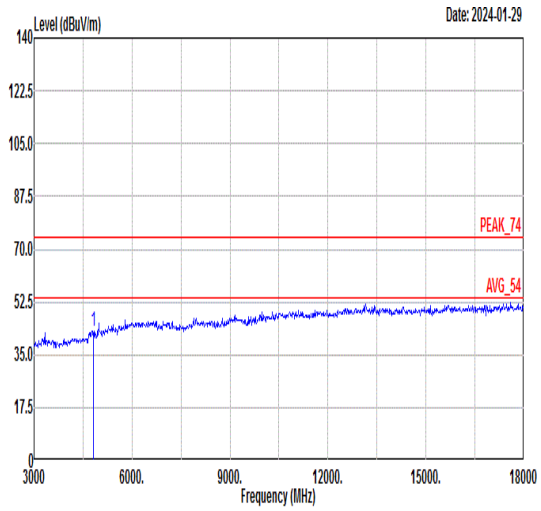
Mode	12	
	Band Edge - R	
	2400-2483.5_802.11n HT40_CH09_2452MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2483.69 55.54 74.00 -18.46 53.28 30.70 5.46 33.90 309 188 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 2485.79 47.66 54.00 -6.34 45.40 30.70 5.46 33.90 309 188 Average	Blank

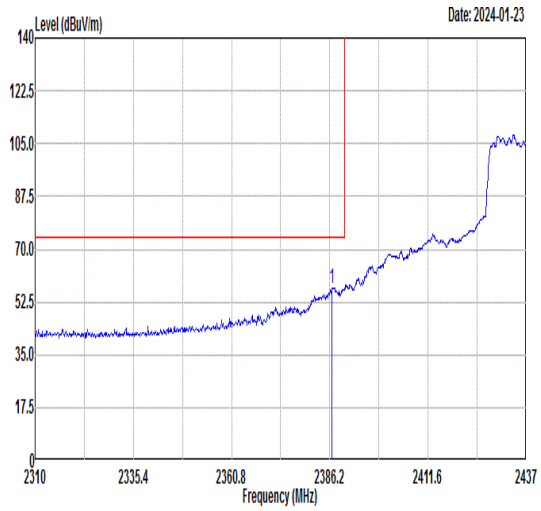
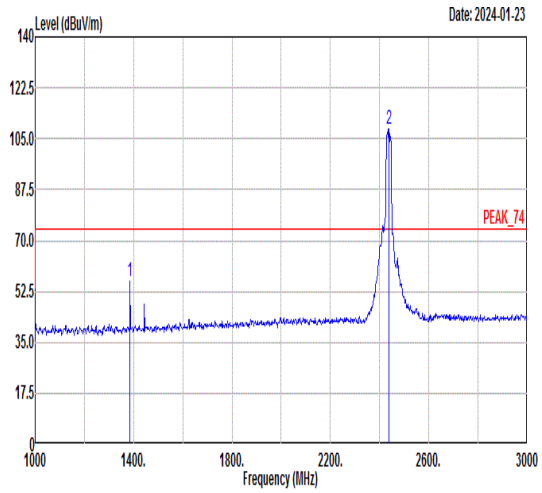
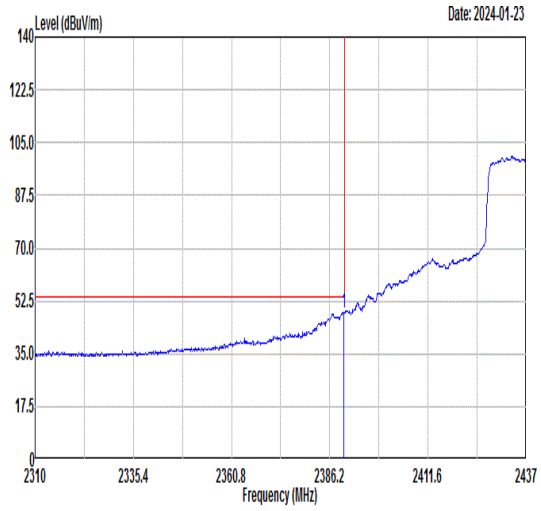
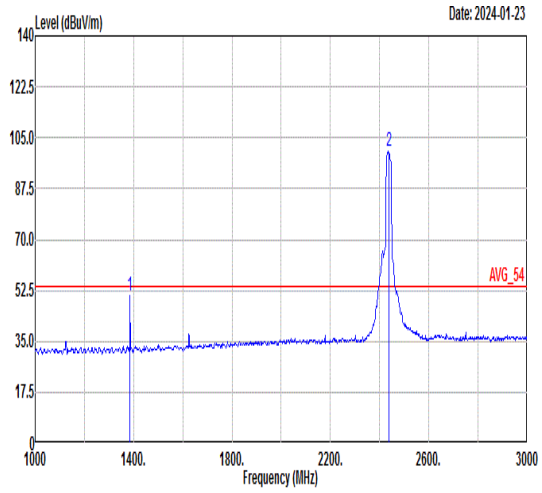
Mode	12	
	Harmonic	
	2400-2483.5_802.11n HT40_CH09_2452MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4904.00 41.56 74.00 -32.44 61.84 35.97 8.63 64.88 --- --- Peak 2 7356.00 44.39 74.00 -29.61 62.21 36.86 10.18 64.86 --- --- Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4904.00 41.84 74.00 -32.16 62.12 35.97 8.63 64.88 --- --- Peak 2 7356.00 44.37 74.00 -29.63 62.19 36.86 10.18 64.86 --- --- Peak

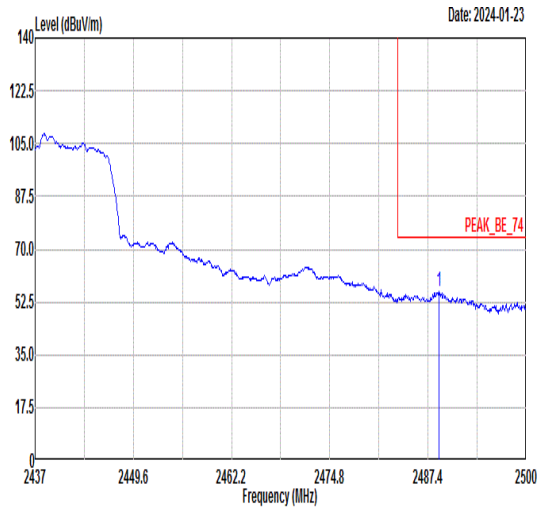
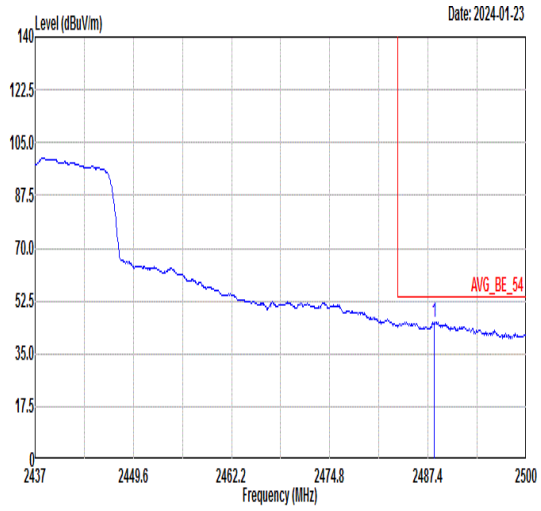
Mode	13
	Band Edge
	2400-2483.5_802.11ax HE20_CH01_Full_2412MHz
ANT	CDD 0+1

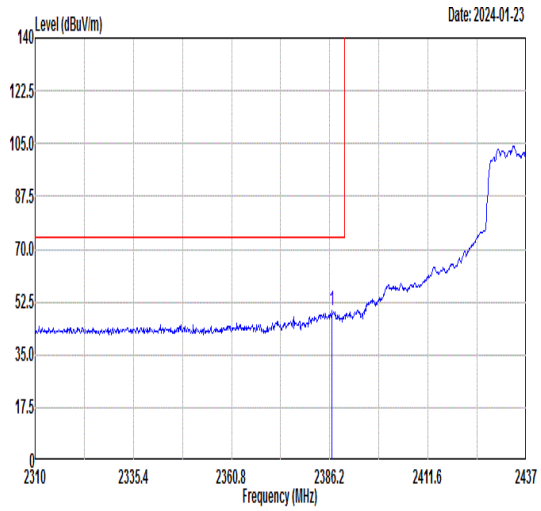
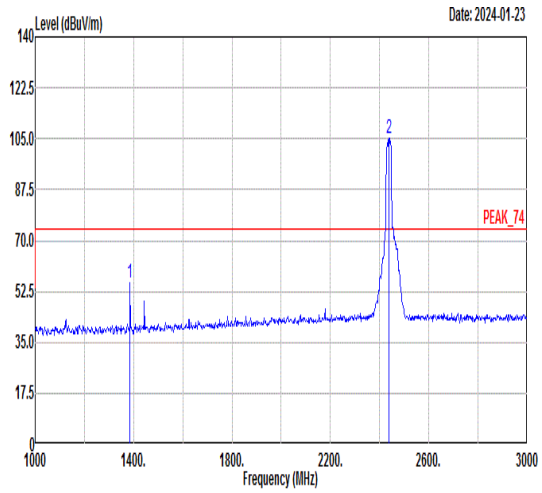
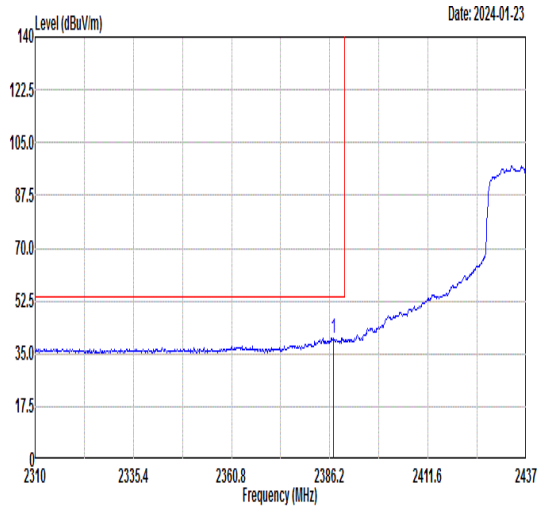
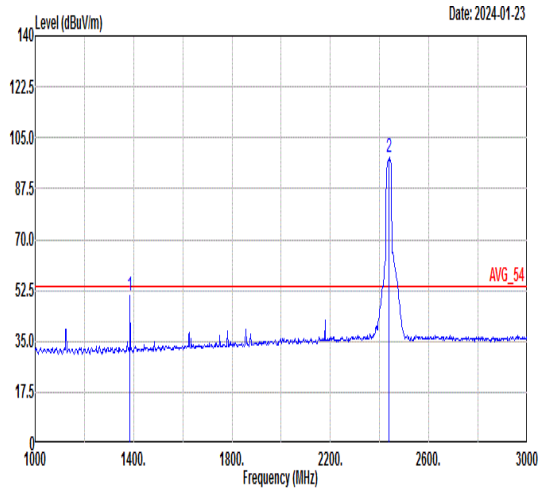
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2389.17 58.60 74.00 -15.40 56.40 30.72 5.36 33.88 400 263 Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 1386.00 61.03 74.00 -12.97 62.66 29.42 4.13 35.18 400 263 Peak 2 2412.00 102.32 ------ ------ 100.10 30.72 5.38 33.88 400 263 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 2389.07 50.64 54.00 -3.36 48.44 30.72 5.36 33.88 400 263 Average	 Freq Level Limit Line Over Limit 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 1386.00 51.57 54.00 -2.43 53.20 29.42 4.13 35.18 400 263 Peak 2 2412.00 93.77 ------ ------ 91.55 30.72 5.38 33.88 400 263 Average

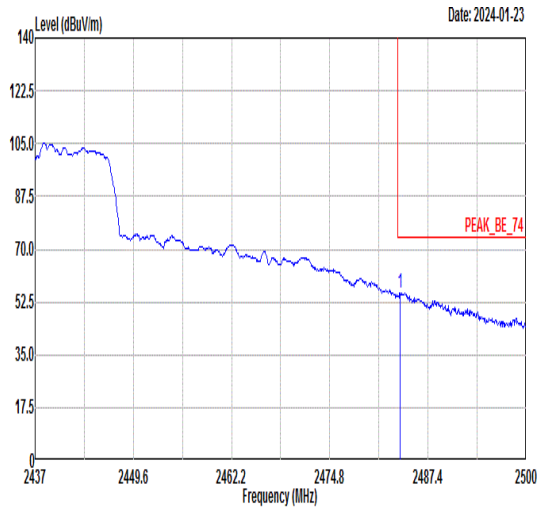
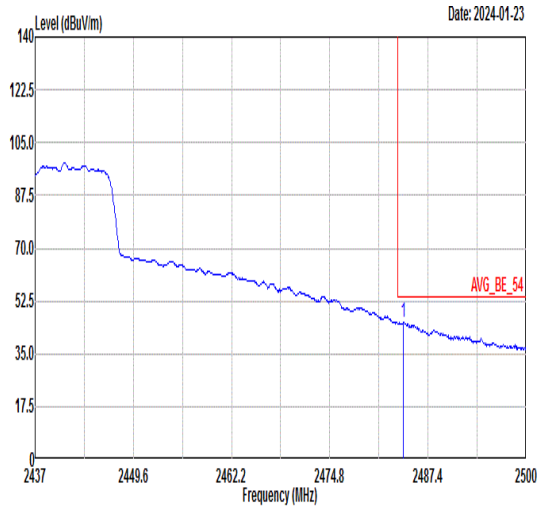
Mode	13	
	Band Edge	
	2400-2483.5_802.11ax HE20_CH01_Full_2412MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.38 55.68 74.00 -18.32 53.48 30.72 5.36 33.88 301 0 Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 59.74 74.00 -14.26 61.37 29.42 4.13 35.18 301 0 Peak 2 2412.00 97.52 ------ ------ 95.30 30.72 5.38 33.88 301 0 Peak
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.17 47.86 54.00 -6.14 45.66 30.72 5.36 33.88 301 0 Average	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 52.09 54.00 -1.91 53.72 29.42 4.13 35.18 301 0 Peak 2 2412.00 88.91 ------ ------ 86.69 30.72 5.38 33.88 301 0 Average

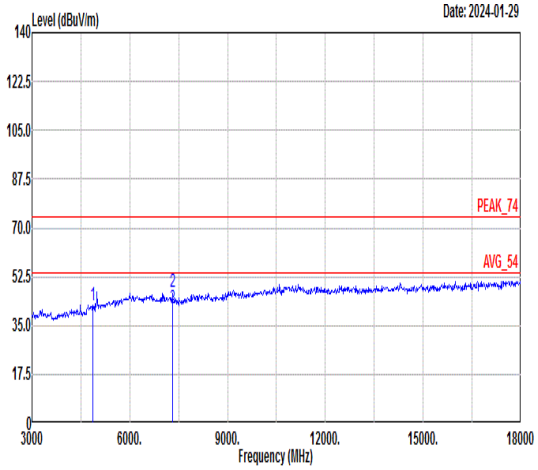
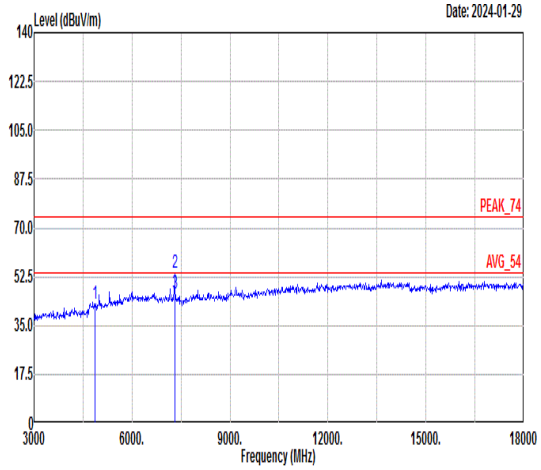
Mode	13	
	Harmonic	
	2400-2483.5_802.11ax HE20_CH01_Full_2412MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4824.00 41.85 74.00 -32.15 62.04 35.78 8.88 64.85 --- --- 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 42.75 74.00 -31.25 62.94 35.78 8.88 64.85 --- --- Peak

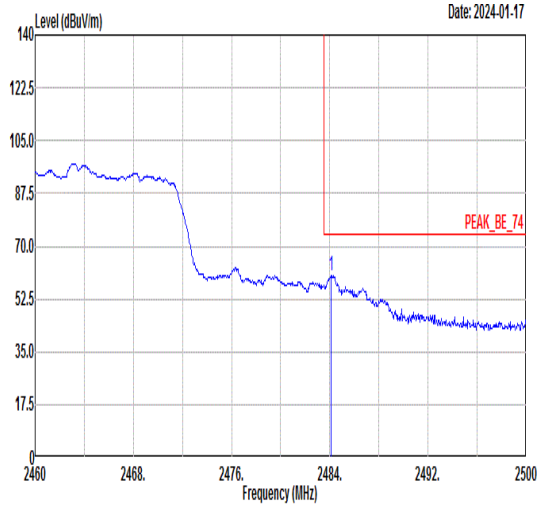
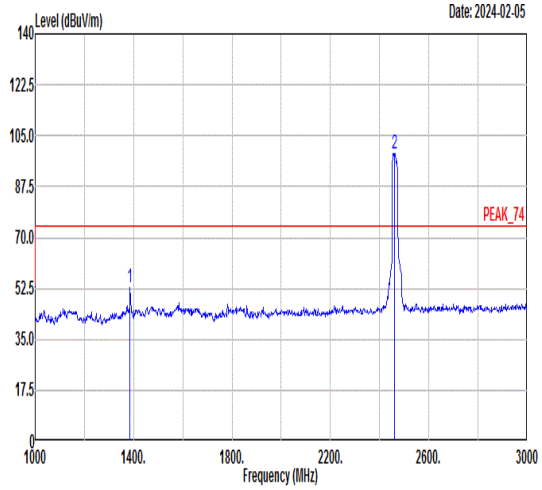
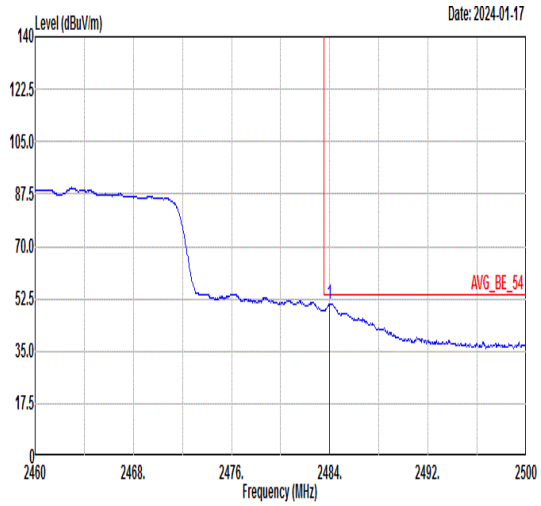
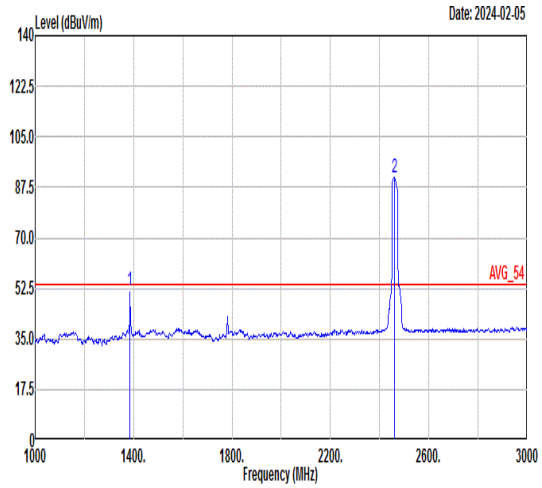
Mode	14	
	Band Edge - L	
	2400-2483.5_802.11ax HE20_CH06_Full_2437MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2386.84 56.98 74.00 -17.02 54.43 30.72 5.36 33.53 400 250 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 1386.00 56.25 74.00 -17.75 57.63 29.42 4.13 34.93 400 250 PEAK 2 2437.00 108.40 ------ ------ 105.84 30.71 5.41 33.56 400 250 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 2389.88 48.61 54.00 -5.39 46.06 30.72 5.36 33.53 400 250 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 1386.00 50.81 54.00 -3.19 52.19 29.42 4.13 34.93 400 250 AVERAGE 2 2437.00 100.25 ------ ------ 97.70 30.71 5.40 33.56 400 250 AVERAGE

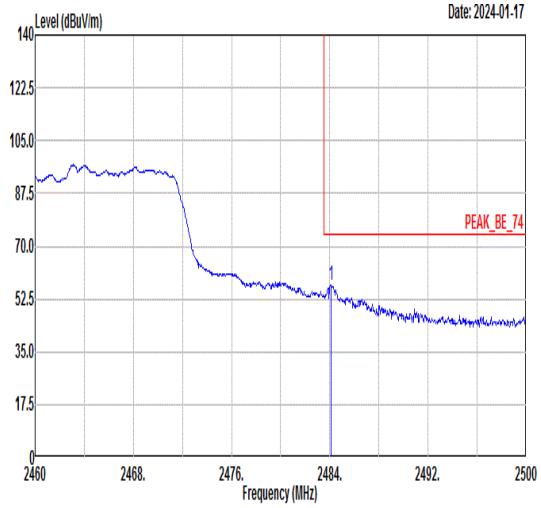
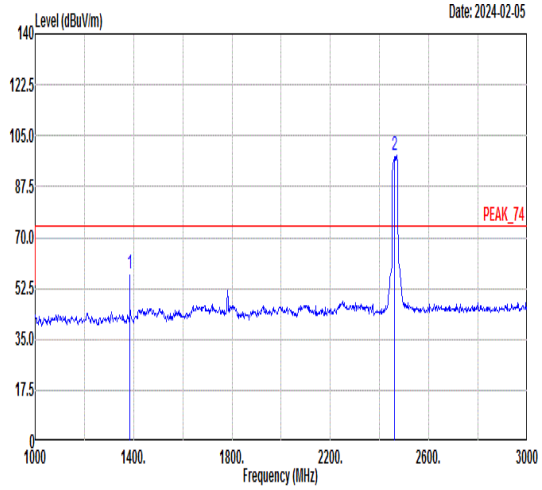
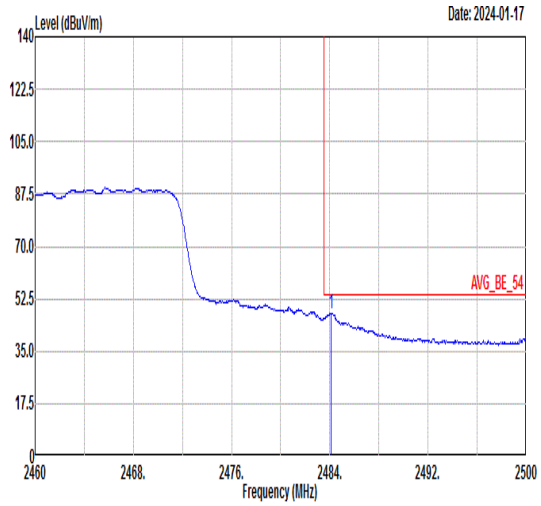
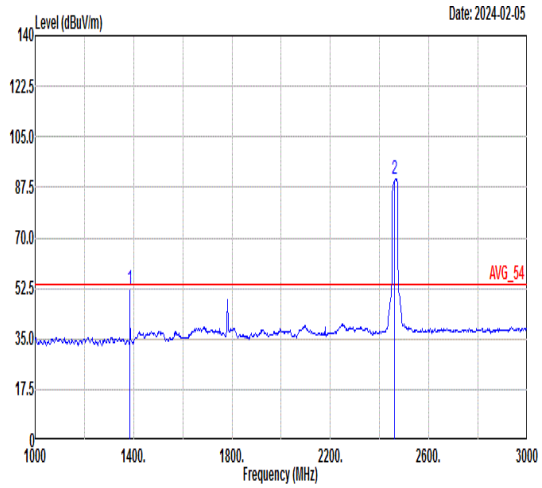
Mode	14	
	Band Edge - R	
	2400-2483.5_802.11ax HE20_CH06_Full_2437MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2488.85 55.86 74.00 -18.14 53.28 30.70 5.47 33.59 400 250 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 2488.16 45.65 54.00 -8.35 43.08 30.70 5.46 33.59 400 250 AVERAGE	Blank

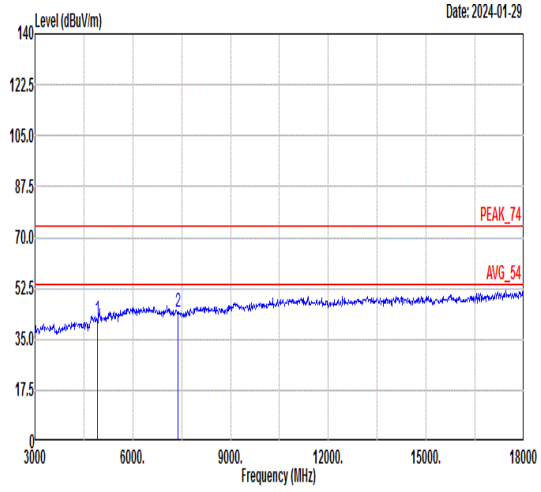
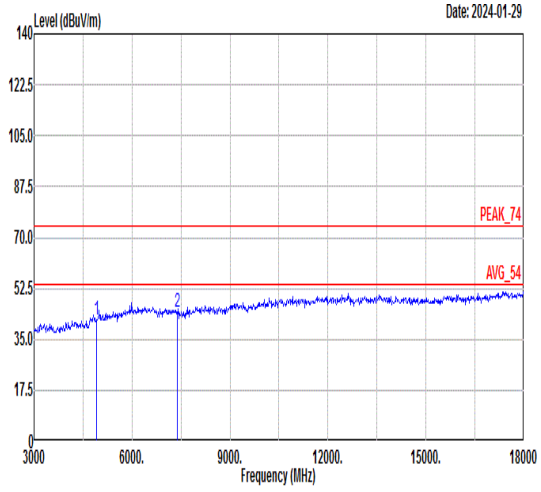
Mode	14	
	Band Edge - L	
	2400-2483.5_802.11ax HE20_CH06_Full_2437MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2386.84 49.63 74.00 -24.37 47.08 30.72 5.36 33.53 306 0 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 55.42 74.00 -18.58 56.80 29.42 4.13 34.93 306 0 PEAK 2 2437.00 105.30 ------ ------ 102.74 30.71 5.41 33.56 306 0 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2387.22 40.15 54.00 -13.85 37.60 30.72 5.36 33.53 306 0 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 1386.00 50.61 54.00 -3.39 51.99 29.42 4.13 34.93 306 0 AVERAGE 2 2437.00 98.12 ------ ------ 95.56 30.71 5.41 33.56 306 0 AVERAGE

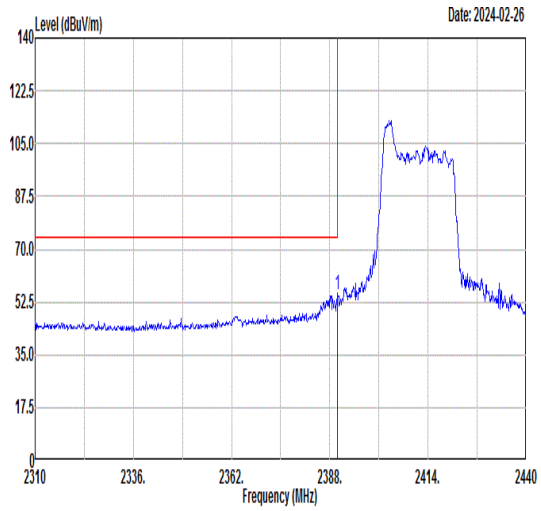
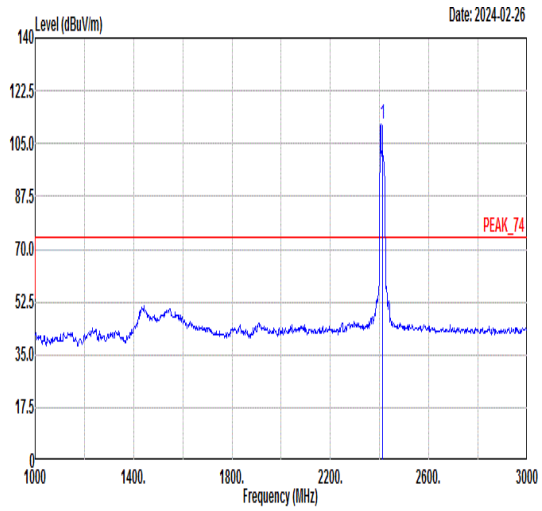
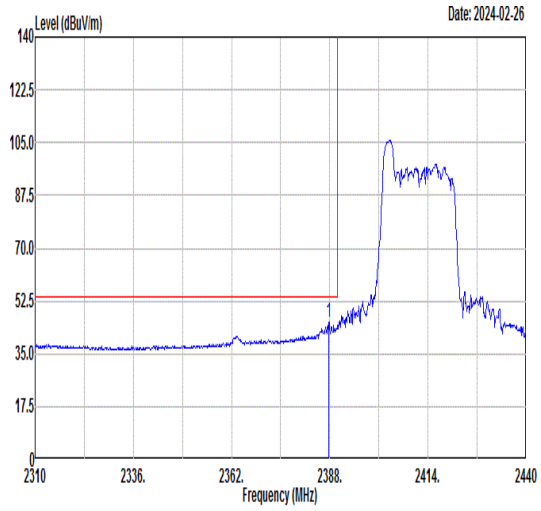
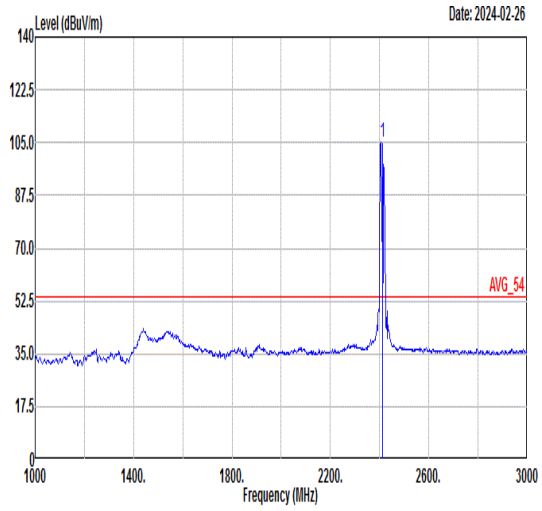
Mode	14	
	Band Edge - R	
	2400-2483.5_802.11ax HE20_CH06_Full_2437MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2483.81 55.40 74.00 -18.60 52.83 30.70 5.46 33.59 306 0 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 2484.25 45.46 54.00 -8.54 42.89 30.70 5.46 33.59 306 0 AVERAGE	Blank

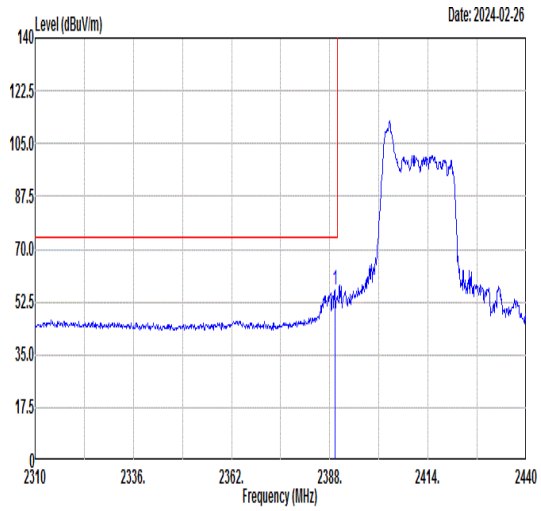
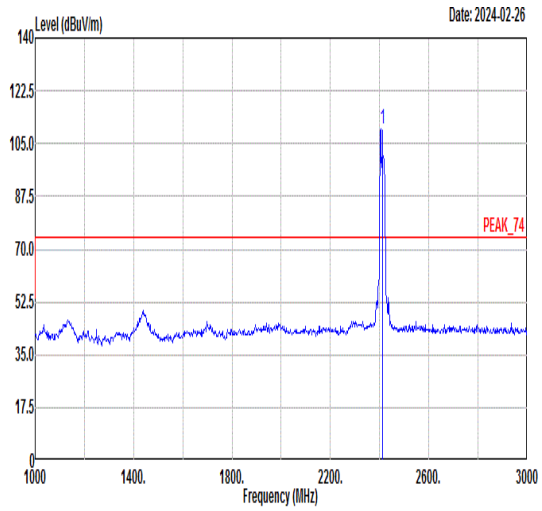
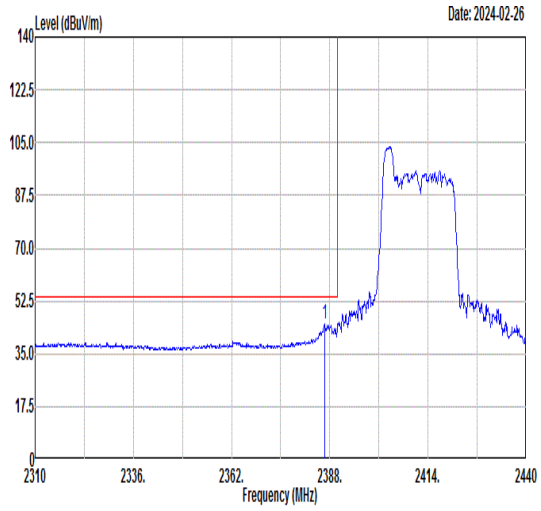
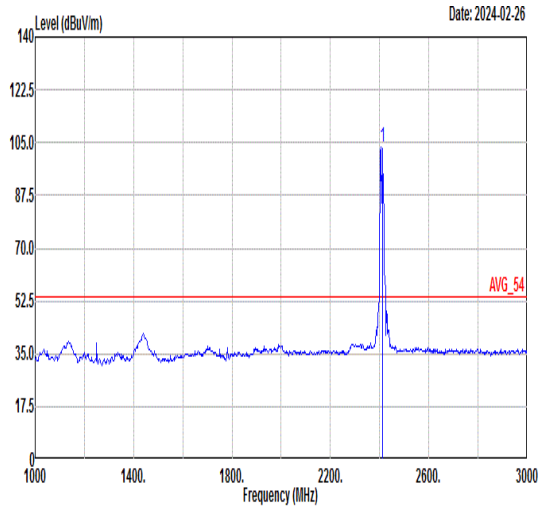
Mode	14	
	Harmonic	
	2400-2483.5_802.11ax HE20_CH06_Full_2437MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 4874.00 42.12 74.00 -31.88 62.37 35.90 8.72 64.87 --- --- Peak 2 7311.00 46.81 74.00 -27.19 64.61 36.88 10.18 64.86 116 35 Peak 3 7311.00 41.08 54.00 -12.92 58.88 36.88 10.18 64.86 116 35 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 4874.00 42.92 74.00 -31.08 63.17 35.90 8.72 64.87 --- --- Peak 2 7311.00 54.13 74.00 -19.87 71.93 36.88 10.18 64.86 368 195 Peak 3 7311.00 46.27 54.00 -7.73 64.07 36.88 10.18 64.86 368 195 Average

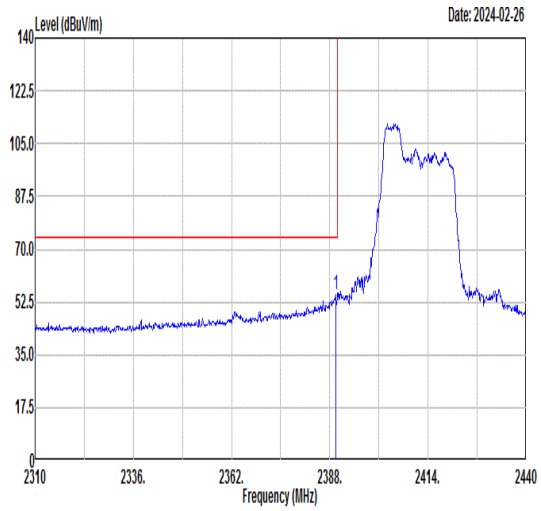
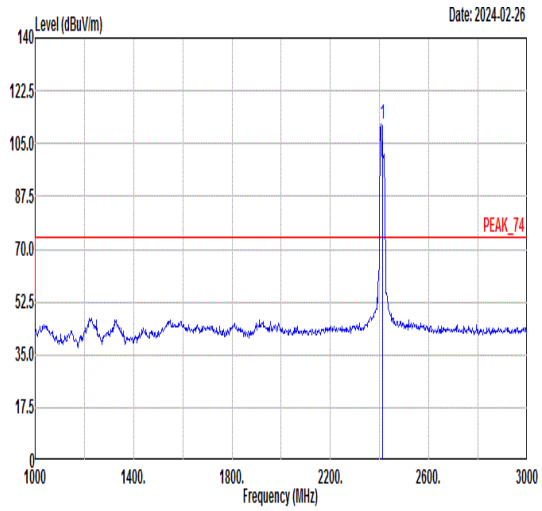
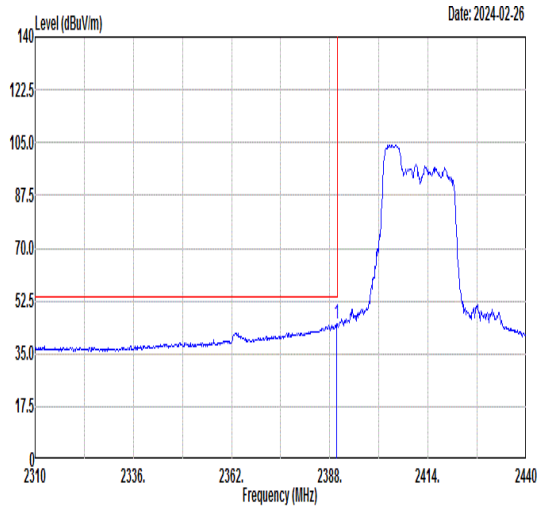
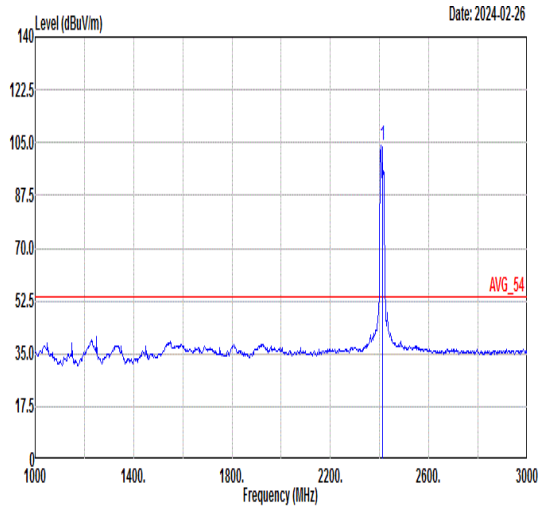
Mode	15	
	Band Edge	
	2400-2483.5_802.11ax HE20_CH11_Full_2462MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2484.08 60.25 74.00 -13.75 57.99 30.70 5.46 33.90 143 232 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 1386.00 53.03 74.00 -20.97 54.66 29.42 4.13 35.18 143 232 Peak 2 2462.00 98.97 ------ ------ 96.71 30.71 5.44 33.89 143 232 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 2484.00 50.88 54.00 -3.12 48.62 30.70 5.46 33.90 143 232 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 1386.00 51.86 54.00 -2.14 53.49 29.42 4.13 35.18 143 232 Peak 2 2462.00 91.01 ------ ------ 88.75 30.71 5.44 33.89 143 232 Average

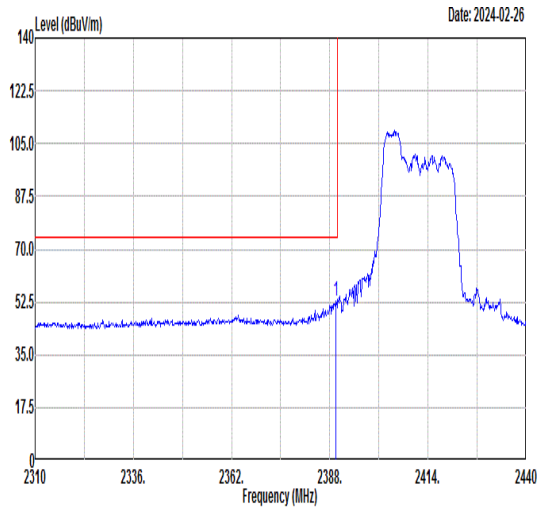
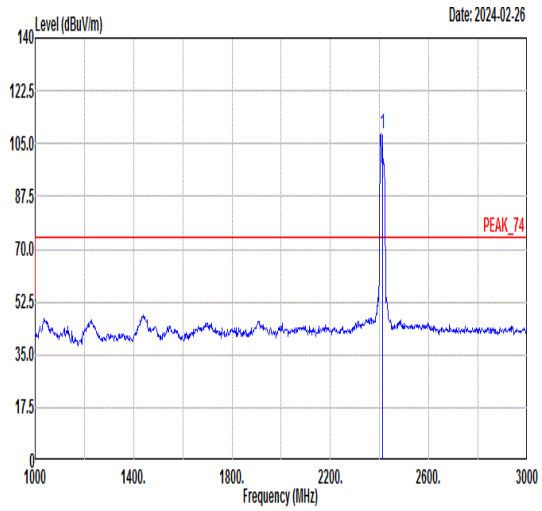
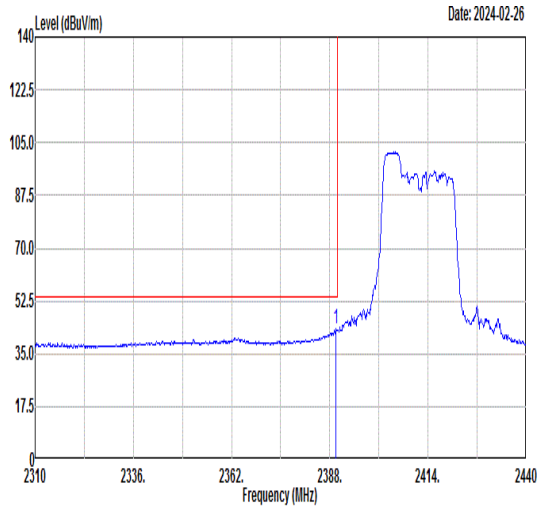
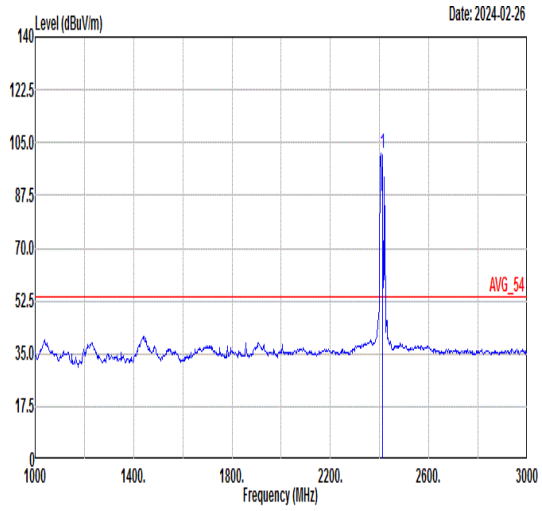
Mode	15	
	Band Edge	
	2400-2483.5_802.11ax HE20_CH11_Full_2462MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2484.08 57.20 74.00 -16.80 54.94 30.70 5.46 33.90 310 195 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 1386.00 57.63 74.00 -16.37 59.26 29.42 4.13 35.18 310 195 Peak 2 2462.00 98.23 ------ ------ 95.97 30.71 5.44 33.89 310 195 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 2484.12 47.73 54.00 -6.27 45.47 30.70 5.46 33.90 310 195 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 1386.00 52.35 54.00 -1.65 53.98 29.42 4.13 35.18 310 195 Peak 2 2462.00 90.40 ------ ------ 88.14 30.71 5.44 33.89 310 195 Average

Mode	15	
	Harmonic	
	2400-2483.5_802.11ax HE20_CH11_Full_2462MHz	
ANT	CDD 0+1	
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 41.59 74.00 -32.41 61.89 36.02 8.57 64.89 --- --- Peak 2 7386.00 44.26 74.00 -29.74 62.09 36.85 10.18 64.86 --- --- 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 41.93 74.00 -32.07 62.23 36.02 8.57 64.89 --- --- Peak 2 7386.00 44.55 74.00 -29.45 62.38 36.85 10.18 64.86 --- --- Peak

Mode	16	
	Band Edge	
	2400-2483.5_802.11ax HE20_CH01_Partial RU26/0_2412MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.95 54.83 74.00 -19.17 52.28 30.72 5.36 33.53 100 88 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 111.71 ------ ------ 109.16 30.72 5.37 33.54 100 88 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2387.74 45.51 54.00 -8.49 42.96 30.72 5.36 33.53 100 88 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 105.04 ------ ------ 102.49 30.72 5.37 33.54 100 88 AVERAGE

Mode	16	
	Band Edge	
	2400-2483.5_802.11ax HE20_CH01_Partial RU26/0_2412MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.30 56.54 74.00 -17.46 53.99 30.72 5.36 33.53 282 0 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 109.87 ------ ------ 107.32 30.72 5.37 33.54 282 0 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2386.57 44.69 54.00 -9.31 42.14 30.72 5.36 33.53 282 0 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 103.43 ------ ------ 100.88 30.72 5.37 33.54 282 0 AVERAGE

Mode	17	
	Band Edge	
	2400-2483.5_802.11ax HE20_CH01_Partial RU52/37_2412MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.56 55.01 74.00 -18.99 52.46 30.72 5.36 33.53 107 33 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 111.25 ------ ------ 108.70 30.72 5.37 33.54 107 33 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.82 44.79 54.00 -9.21 42.24 30.72 5.36 33.53 107 33 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 103.91 ------ ------ 101.36 30.72 5.37 33.54 107 33 AVERAGE

Mode	17	
	Band Edge	
	2400-2483.5_802.11ax HE20_CH01_Partial RU52/37_2412MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.69 53.04 74.00 -20.96 50.49 30.72 5.36 33.53 399 360 PEAK	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 108.46 ------ ------ 105.91 30.72 5.37 33.54 399 360 PEAK
Avg	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2389.56 43.41 54.00 -10.59 40.86 30.72 5.36 33.53 399 360 AVERAGE	 Freq Level Limit Line Margin (dB) Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark 1 2412.00 101.47 ------ ------ 98.92 30.72 5.37 33.54 399 360 AVERAGE

Mode	18	
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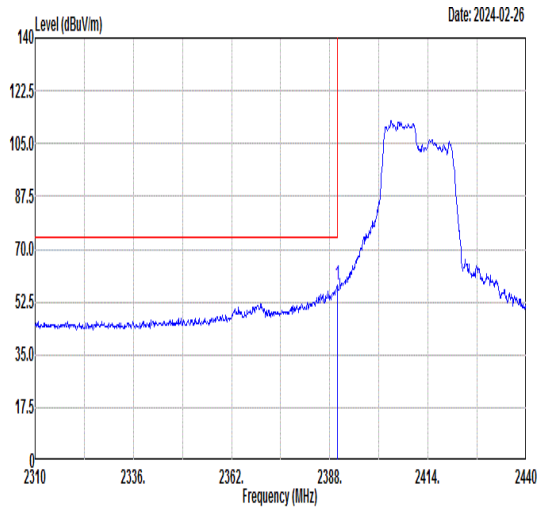
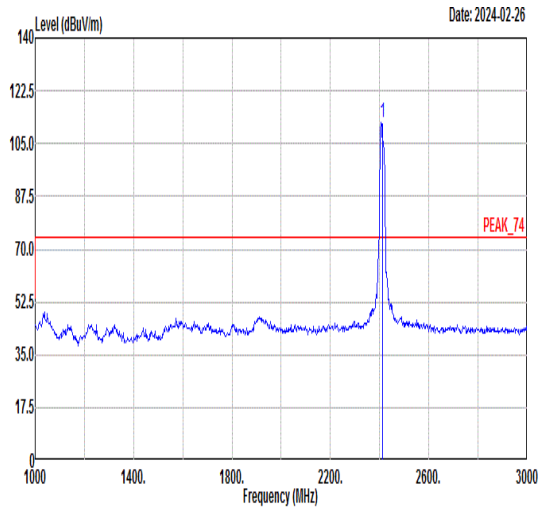
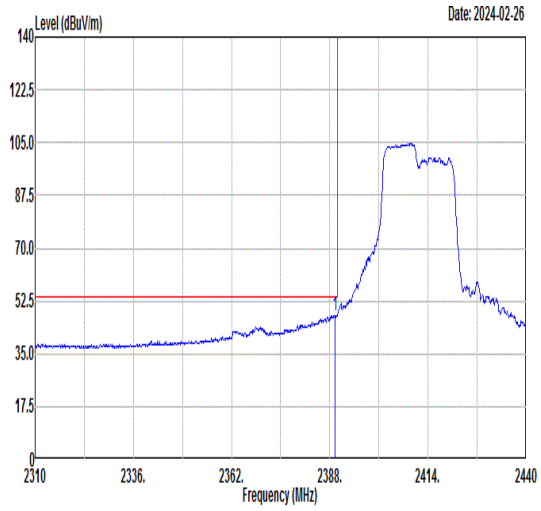
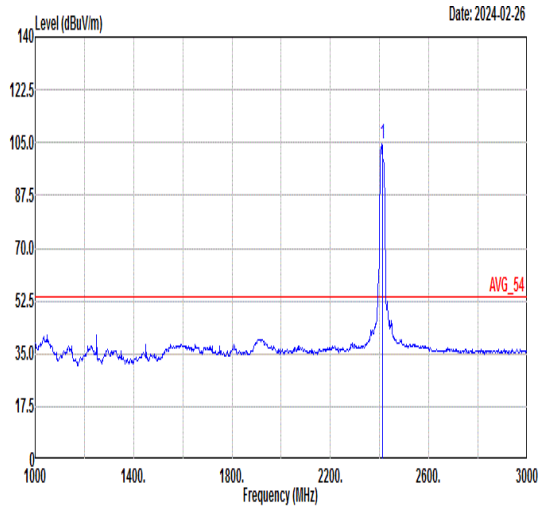
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2389.95 58.06 74.00 -15.94 55.51 30.72 5.36 33.53 104 38 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB cm deg 1 2412.00 111.74 ------ ------ 109.19 30.72 5.37 33.54 104 38 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 2389.30 47.78 54.00 -6.22 45.23 30.72 5.36 33.53 104 38 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 2412.00 104.42 ------ ------ 101.87 30.72 5.38 33.55 104 38 AVERAGE