



FCC Test Report

FCC ID: 2BDZK-ID9

Applicant: Shenzhen Fisang Electronics Co., Ltd.

Address: 5th Floor, Building B6, Xujingchang Industrial Park, No.39 Haoye Road, Zhancheng Community, Fuhai Street, Bao'an District, Shenzhen, China

Manufacturer: Shenzhen Fisang Electronics Co., Ltd.

Address: 5th Floor, Building B6, Xujingchang Industrial Park, No.39 Haoye Road, Zhancheng Community, Fuhai Street, Bao'an District, Shenzhen, China

Product Name: DVR

Trade Mark: N/A

Model Number: ID9, ID8, N1, N2, N3, N4, N5, N6, N7, N8, N9, N10, N11, N12, N13, N14, N15, N16, N17, N18, N19

Date of Receipt: Dec. 12, 2025

Test Date: Dec. 12, 2025 ~ Mar. 18, 2026

Date of Report: Mar. 18, 2026

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

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Applicable Standards: FCC Rules and Regulations Part 15 Subpart C Section 15.247
ANSI C63.10: 2020

Test Result: Pass

Report Number: DLE-260317007R

Prepared by(Engineer): Ken Tan

Reviewer(Supervisor): Jack Bu

Approved(Manager): Jade Yang



This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd.



Table of Contents

1. Summary	4
1.1 Test Procedures and Results	4
1.2 Measurement Uncertainty	5
2. EUT Description	6
2.1 General Description of EUT	6
2.2 Carrier Frequency of Channels	7
2.3 Operation of EUT during Testing	7
2.4 Description of Test Setup	8
2.5 Description of Support Units	9
2.6 Equipments List for All Test Items	10
3. General Information	11
3.1 Test Environment and Mode	11
4. Test Results and Measurement Data	14
4.1 AC Power Line Conducted Emission	14
4.2 Maximum Peak Conducted Output Power	17
4.3 Emission Bandwidth	19
4.4 Power Spectral Density	27
4.5 Conducted Band Edge and Spurious Emission Measurement	35
4.6 Radiated Spurious Emission Measurement	54
4.7 Antenna Requirement	63
5. Test Setup Photos of the EUT	64
6. Photos of the EUT	66

**** Issued history ****

Revision	Description	Issued Date	Remark
Revision 1.0	Initial Test Report Release	Mar. 18, 2026	



1. Summary

1.1 Test Procedures and Results

Requirement	CFR 47 Section	Result
Antenna Requirement	§15.203/§15.247(b)(4)	PASS
AC Power Line Conducted Emission	§15.207	PASS
Conducted Peak Output Power	§15.247(b)(3)	PASS
6dB Emission Bandwidth	§15.247(a)(2)	PASS
Power Spectral Density	§15.247(e)	PASS
Band Edge	§15.247(d)	PASS
Spurious Emission	§15.205/§15.209	PASS

Note:

1. PASS: Test item meets the requirement.
2. Fail: Test item does not meet the requirement.
3. N/A: Test case does not apply to the test object.
4. The test result judgment is decided by the limit of test standard.



1.2 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately **95 %**.

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 2.56\text{dB}$
2	RF power, conducted	$\pm 0.42\text{dB}$
3	Spurious emissions, conducted	$\pm 2.76\text{dB}$
4	All emissions, radiated(<1G)	$\pm 3.65\text{dB}$
5	All emissions, radiated(>1G)	$\pm 4.89\text{dB}$
6	Temperature	$\pm 0.5^{\circ}\text{C}$
7	Humidity	$\pm 2\%$
8	6dB Bandwidth	$\pm 0.2\text{MHz}$
9	Power Spectral Density	$\pm 0.3\text{dBm}$



2. EUT Description

2.1 General Description of EUT

Equipment:	DVR
Model Name:	ID9
Series Model(s):	ID8, N1, N2, N3, N4, N5, N6, N7, N8, N9, N10, N11, N12, N13, N14, N15, N16, N17, N18, N19
Model Difference:	All model's the function, software and electric circuit are the same, only with model named different. Test sample model: ID9.
Antenna Type:	FPC Antenna
Antenna Gain:	3.5dBi
Operation Frequency:	802.11b/g/n(HT20)/ax(HE20): 2412~2462MHz 802.11n(HT40)/ax(HE40): 2422~2452MHz
Number of Channels:	802.11b/g/n(HT20)/ax(HE20): 11CH 802.11n(HT40)/ax(HE40): 7CH
Modulation Type:	DSSS, OFDM, OFDMA
Power Source:	DC 5V From Type-C or DC 5V From Car Charger
Power Rating:	DC 5V From Type-C or DC 5V From Car Charger
Hardware Version:	V1.0
Software Version:	V1.0
Note: 1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. 2. Antenna gain Refer to the antenna specifications. 3. The cable loss data is obtained from the supplier. 4. The test results in the report only apply to the tested sample.	



2.2 Carrier Frequency of Channels

Channel List for 802.11b/ 802.11g/ 802.11n (HT20)/ 802.11ax (HE20)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

Channel List for 802.11n (HT40) / 802.11ax (HE40)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
--	--	04	2427	07	2442	--	--
--	--	05	2432	08	2447	--	--
03	2422	06	2437	09	2452		

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

2.3 Operation of EUT during Testing

Operating Mode

The mode is used: Transmitting mode for 802.11b/802.11g/802.11n(HT20)/802.11ax(HE20)

Low Channel: 2412MHz

Middle Channel: 2437MHz

High Channel: 2462MHz

The mode is used: Transmitting mode for 802.11n(HT40)/802.11ax(HE40)

Low Channel: 2422MHz

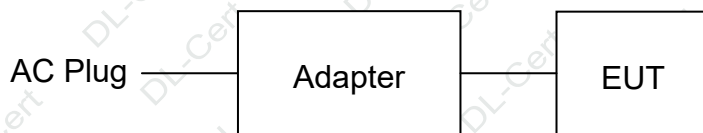
Middle Channel: 2437MHz

High Channel: 2452MHz

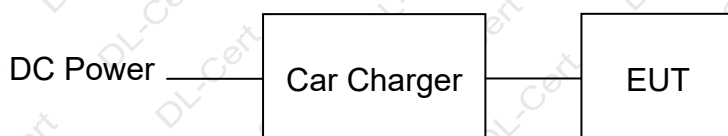


2.4 Description of Test Setup

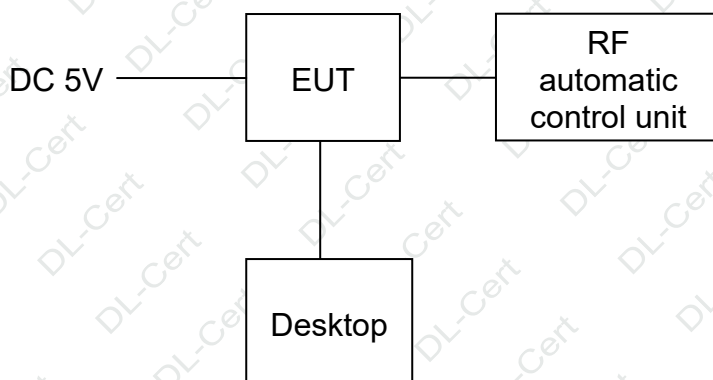
Operation of EUT during AC Conducted testing:



Operation of EUT during Radiation testing:



Operation of EUT during RF Conducted testing:



The sample was placed (0.8m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages. The worst case is X position.



2.5 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Trade Mark	Model/Type No.	Specification	Remark
1	DVR	N/A	ID9	N/A	EUT
2	Car Charger	N/A	CSXE-1356	Input: DC 10-30V Output: DC 5V-3A	
3	Adapter	N/A	CD289	Input: 100-240V, 50/60Hz, 2A USB-C1 Output: 5V,3A/9V,3A/12V,3A /15V,3A/20V,5A/28V,5A 140W MAX USB-C2 Output: 5V,3A/9V,3A/12V,3A /15V,3A/20V,5A 100W MAX USB-A Output: 5V,4.5A/4.5V,5A/5V,3A /9V,2A/12V,1.5A 22.5W MAX	

Note:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.



2.6 Equipments List for All Test Items

Radiation test, Band-edge test and 6db bandwidth test equipment

Item	Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	Spectrum Analyzer (9kHz-26.5GHz)	Agilent	E4408B	MY50140780	Oct. 25, 2025	Oct. 24, 2026
2	Test Receiver (9kHz-7GHz)	R&S	ESRP7	101393	Oct. 25, 2025	Oct. 24, 2026
3	Bilog Antenna (30MHz-1GHz)	R&S	VULB9162	00306	Oct. 25, 2025	Oct. 24, 2026
4	Horn Antenna (1GHz-18GHz)	Schwarzbeck	BBHA9120D	02139	Oct. 25, 2025	Oct. 24, 2026
5	Horn Antenna (18GHz-40GHz)	A.H. Systems	SAS-574	588	Oct. 25, 2025	Oct. 24, 2026
6	Amplifier (9KHz-6GHz)	Schwarzbeck	BBV9743B	00153	Oct. 25, 2025	Oct. 24, 2026
7	Amplifier (1GHz-18GHz)	EMEC	EM01G8GA	00270	Oct. 25, 2025	Oct. 24, 2026
8	Amplifier (18GHz-40GHz)	Quanjuda	DLE-161	97	Oct. 25, 2025	Oct. 24, 2026
9	Loop Antenna (9KHz-30MHz)	Schwarzbeck	FMZB1519B	00014	Oct. 25, 2025	Oct. 24, 2026
10	RF cables1 (9kHz-1GHz)	ChengYu	966	004	Oct. 25, 2025	Oct. 24, 2026
11	RF cables2 (1GHz-40GHz)	ChengYu	966	003	Oct. 25, 2025	Oct. 24, 2026
12	Antenna connector	Florida RF Labs	N/A	RF 01#	Oct. 25, 2025	Oct. 24, 2026
13	Power probe	KEYSIGHT	U2021XA	MY55210018	Oct. 25, 2025	Oct. 24, 2026
14	Signal Analyzer 9kHz-26.5GHz	Agilent	N9020A	MY55370280	Oct. 25, 2025	Oct. 24, 2026
15	Test Receiver 20kHz-40GHz	R&S	ESU 40	100376	Oct. 25, 2025	Oct. 24, 2026
16	D.C. Power Supply	LongWei	PS-305D	010964729	Oct. 25, 2025	Oct. 24, 2026

Conduction Test equipment

Item	Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	843 Shielded Room	ChengYu	843 Room	843	Nov. 05, 2023	Nov. 04, 2026
2	EMI Receiver	R&S	ESR	101421	Oct. 25, 2025	Oct. 24, 2026
3	LISN	R&S	ENV216	102417	Oct. 25, 2025	Oct. 24, 2026
4	843 Cable 1#	ChengYu	CE Cable	001	Oct. 25, 2025	Oct. 24, 2026

Other

Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ_EMCC	EMC-CON 3A1.1
2	EMC radiation test system	FALA	EZ_EMCC	FA-03A2
3	RF test system	MAIWEI	MTS8310	2.0.0.0
4	RF communication test system	MAIWEI	MTS8200	2.0.0.0



3. General Information

3.1 Test Environment and Mode

Operating Environment:	
Temperature:	25.0 °C
Humidity:	56 % RH
Atmospheric Pressure:	1010 mbar
Test Mode:	
Engineering mode:	Keep the EUT in continuous transmitting by select channel and modulations
We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:	
Per-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.	
Mode	Data rate
802.11b	1Mbps
802.11g	6Mbps
802.11n(HT20)/ax(HE20)	6.5Mbps
802.11n(HT40)/ax(HE40)	13.5Mbps
Final Test Mode:	
Operation mode:	Keep the EUT in continuous transmitting with modulation
1. For WIFI function, the engineering test program was provided and enabled to make EUT continuous transmit/receive. 2. According to ANSI C63.10 standards, the test results are both the “worst case” and “worst setup” 1Mbps for 802.11b, 6Mbps for 802.11g, 6.5Mbps for 802.11n(HT20)/ax(HE20), 13.5Mbps for 802.11n(HT40)/ax(HE40).	

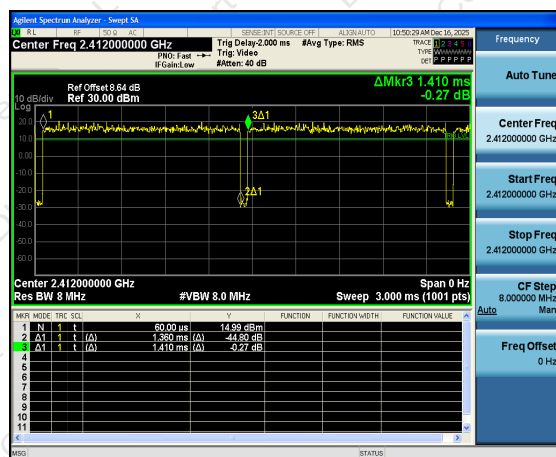


3. Mode Test Duty Cycle

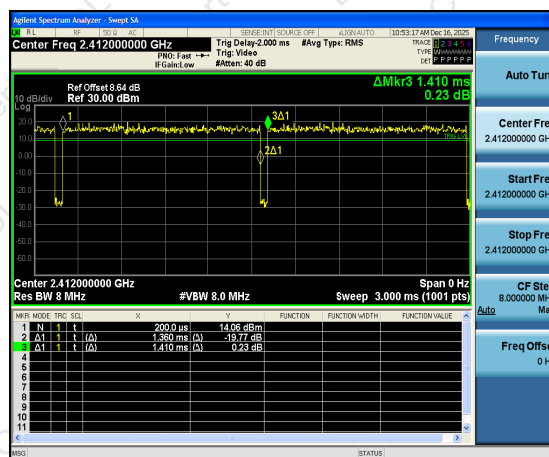
Mode	Duty Cycle
802.11b	0.9645
802.11g	0.9645
802.11n(HT20)	0.9621
802.11n(HT40)	0.9275
802.11ax(HE20)	0.9549
802.11ax(HE40)	0.9265

Test plots as follows:

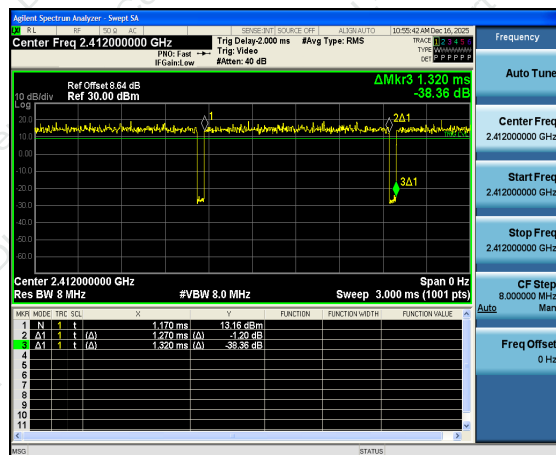
802.11b



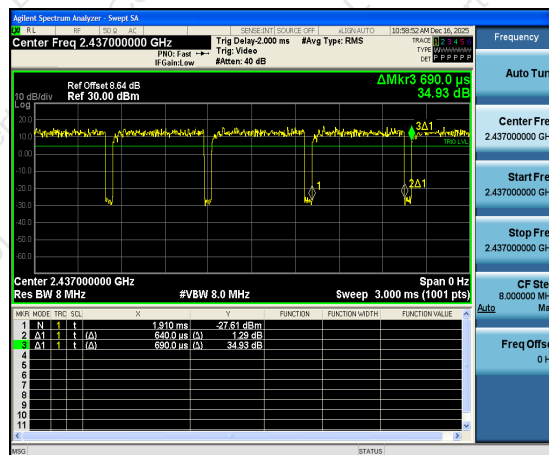
802.11g

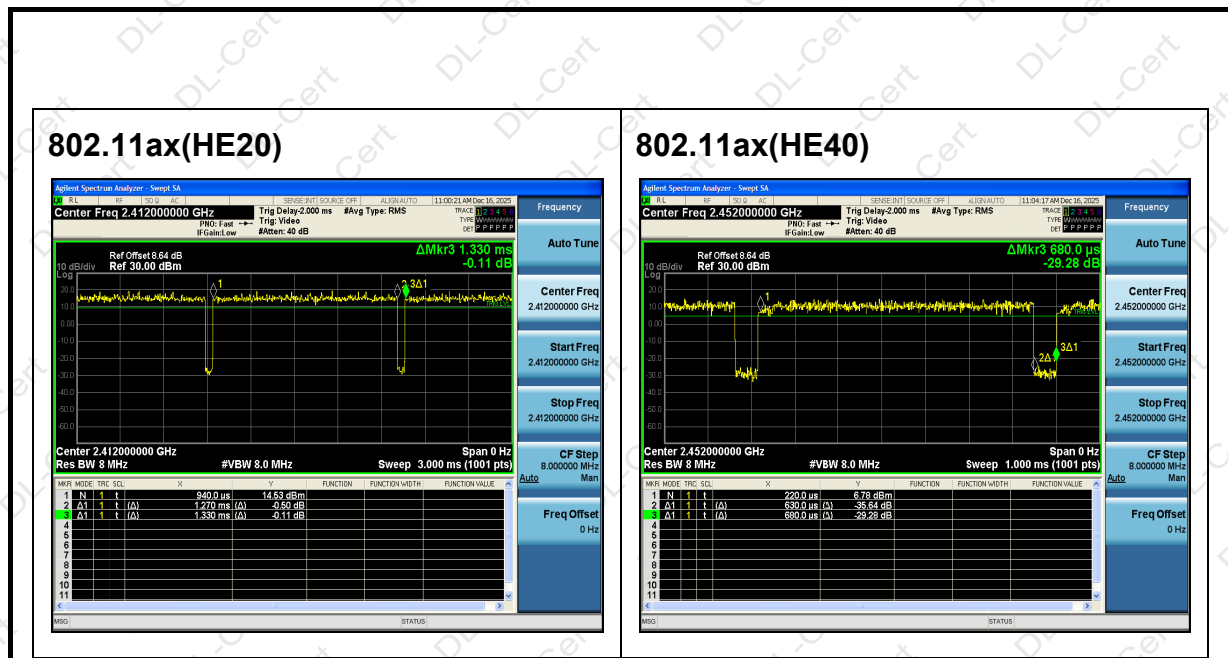


802.11n(HT20)



802.11n(HT40)







4. Test Results and Measurement Data

4.1 AC Power Line Conducted Emission

4.1.1 Test Specification

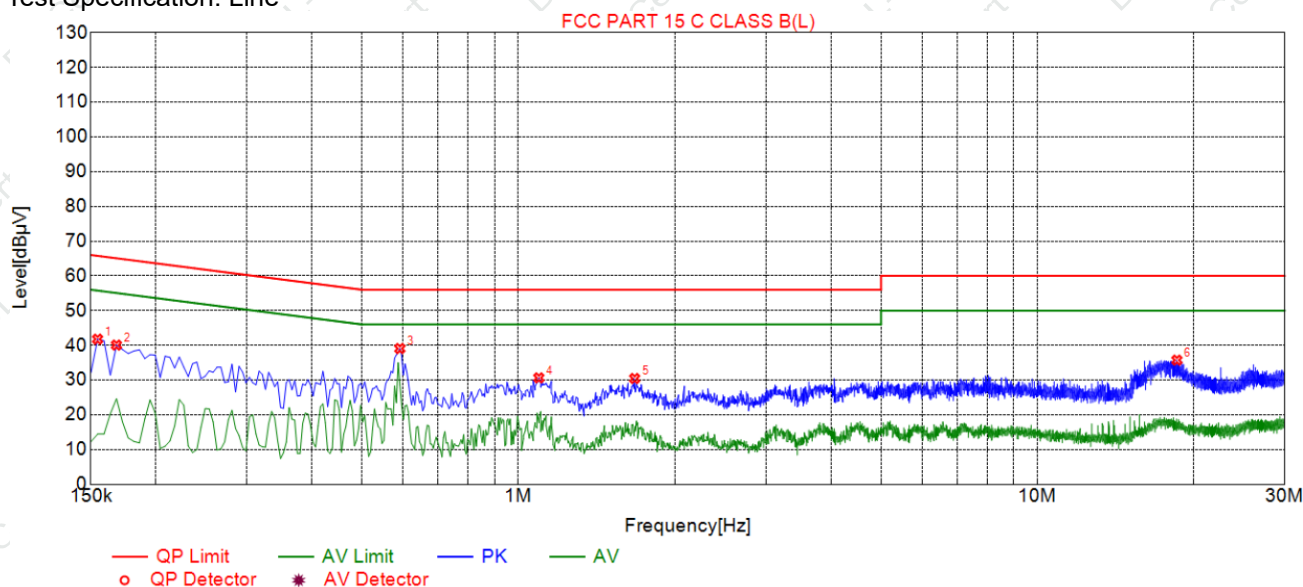
Test Requirement:	FCC Part15 C Section 15.207														
Test Method:	ANSI C63.10: 2020														
Frequency Range:	150 kHz to 30 MHz														
Receiver setup:	RBW=9 kHz, VBW=30 kHz, Sweep time=auto														
Limits:	<table><tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBuV)</th></tr><tr><th>Quasi-peak</th><th>Average</th></tr><tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr><tr><td>0.5-5</td><td>56</td><td>46</td></tr><tr><td>5-30</td><td>60</td><td>50</td></tr></table>	Frequency range (MHz)	Limit (dBuV)		Quasi-peak	Average	0.15-0.5	66 to 56*	56 to 46*	0.5-5	56	46	5-30	60	50
Frequency range (MHz)	Limit (dBuV)														
	Quasi-peak	Average													
0.15-0.5	66 to 56*	56 to 46*													
0.5-5	56	46													
5-30	60	50													
Test Setup:	Reference Plane 40cm E.U.T AC power Test table/Insulation plane 80cm LISN Filter EMI Receiver AC power Remark E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m														
Test Mode:	transmitting with modulation														
Test Procedure:	1. The E.U.T is connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2020 on conducted measurement.														
Test Result:	PASS														



4.1.2 Test Data

All the test modes completed for test. Only the worst result was reported as below:

Test Specification: Line



Suspected List

NO.	Freq. [MHz]	Level [dBμV]	Factor [dB]	Limit [dBμV]	Margin [dB]	Reading [dBμV]	Detector	Type
1	0.1545	41.78	19.56	65.75	23.97	22.22	PK	L
2	0.1680	40.07	19.62	65.06	24.99	20.45	PK	L
3	0.5910	39.07	19.76	56.00	16.93	19.31	PK	L
4	1.0950	30.64	19.80	56.00	25.36	10.84	PK	L
5	1.6755	30.46	20.03	56.00	25.54	10.43	PK	L
6	18.5865	35.74	22.67	60.00	24.26	13.07	PK	L

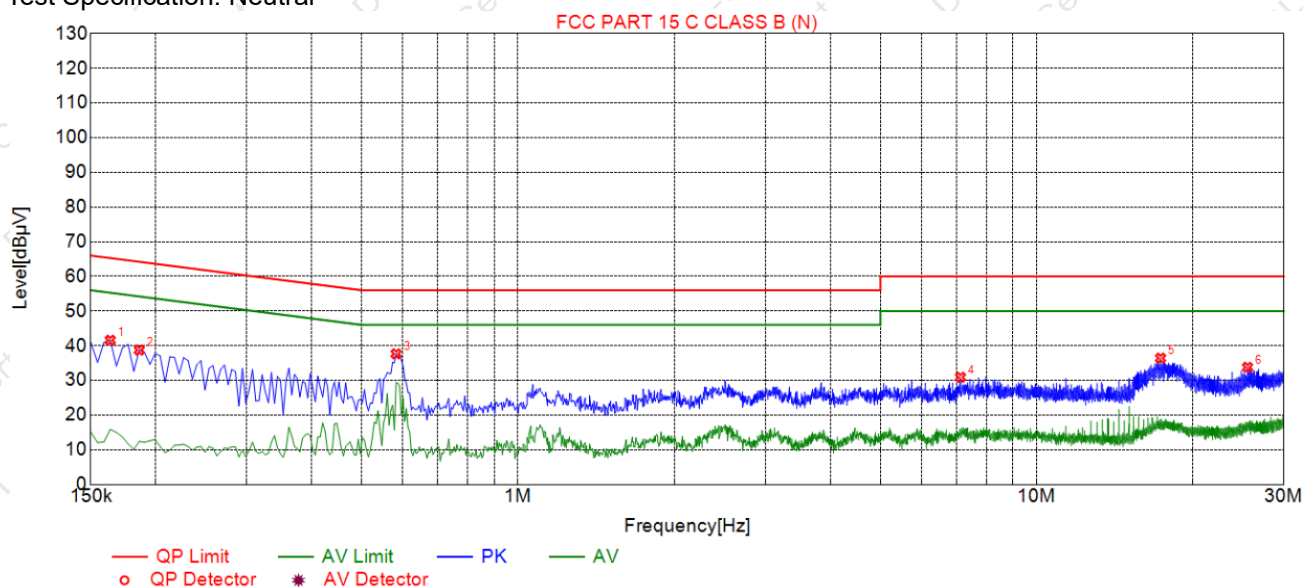
Remark: Margin = Limit – Level

Correction factor = Cable lose + LISN insertion loss

Level=Test receiver reading + correction factor



Test Specification: Neutral



Suspected List

NO.	Freq. [MHz]	Level [dBμV]	Factor [dB]	Limit [dBμV]	Margin [dB]	Reading [dBμV]	Detector	Type
1	0.1635	41.58	19.58	65.28	23.70	22.00	PK	N
2	0.1860	38.77	19.65	64.21	25.44	19.12	PK	N
3	0.5820	37.67	19.75	56.00	18.33	17.92	PK	N
4	7.1340	30.91	20.52	60.00	29.09	10.39	PK	N
5	17.3490	36.43	22.37	60.00	23.57	14.06	PK	N
6	25.5300	33.78	24.47	60.00	26.22	9.31	PK	N

Remark: Margin = Limit – Level

Correction factor = Cable lose + LISN insertion loss

Level=Test receiver reading + correction factor



4.2 Maximum Peak Conducted Output Power

4.2.1 Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (b)(3)
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02
Limit:	30dBm
Test Setup:	 RF automatic control unit EUT
Test Mode:	Transmitting mode with modulation
Test Procedure:	1. The testing follows the Measurement Procedure of FCC KDB 558074 D01 15.247 Meas Guidance v05r02. 2. The RF output of EUT was connected to the RF automatic control unit by RF cable. The path loss was compensated to the results for each measurement. 3. Set to the maximum power setting and enable the EUT transmit continuously. 4. Measure the Peak output power and record the results in the test report.
Test Result:	PASS



4.2.2 Test Data

Mode	Test Channel	Frequency	Maximum Peak Conducted Output Power	Limit
		(MHz)	(dBm)	dBm
802.11b	CH01	2412	13.14	30
802.11b	CH06	2437	14.02	30
802.11b	CH11	2462	14.31	30
802.11g	CH01	2412	12.55	30
802.11g	CH06	2437	12.84	30
802.11g	CH11	2462	13.28	30
802.11n(HT20)	CH01	2412	13.11	30
802.11n(HT20)	CH06	2437	14.05	30
802.11n(HT20)	CH11	2462	14.42	30
802.11n(HT40)	CH03	2422	13.98	30
802.11n(HT40)	CH06	2437	13.35	30
802.11n(HT40)	CH09	2452	13.30	30
802.11ax(HE20)	CH01	2412	12.67	30
802.11ax(HE20)	CH06	2437	14.01	30
802.11ax(HE20)	CH11	2462	13.27	30
802.11ax(HE40)	CH03	2422	12.74	30
802.11ax(HE40)	CH06	2437	12.98	30
802.11ax(HE40)	CH09	2452	12.71	30

Note: 1.The test results including the cable lose.



4.3 Emission Bandwidth

4.3.1 Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (a)(2)
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02
Limit:	$\geq 500\text{kHz}$
Test Setup:	 Spectrum Analyzer EUT
Test Mode:	Transmitting mode with modulation
Test Procedure:	1. The testing follows FCC KDB Publication 558074 D01 15.247 Meas Guidance v05r02. 2. Set to the maximum power setting and enable the EUT transmit continuously. 3. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 1%~5%OBW. Set the video bandwidth (VBW) ≥ 3 RBW. In order to make an accurate measurement. The 6dB bandwidth must be at least 500 kHz. 4. Measure and record the results in the test report.
Test Result:	PASS



4.3.2 Test Data

Test channel	6dB Emission Bandwidth (MHz)					
	802.11b	802.11g	802.11n (HT20)	802.11n (HT40)	802.11ax (HE20)	802.11ax (HE40)
Lowest	9.56	16.12	17.36	34.64	18.20	36.80
Middle	9.64	16.16	17.28	35.76	18.48	37.44
Highest	10.08	16.12	17.00	36.32	18.72	37.60
Limit:	$\geq 500\text{KHz}$					
Test Result:	PASS					

Test plots as follows:



802.11b Modulation

Lowest Channel



Middle Channel



Highest Channel





802.11g Modulation

Lowest Channel



Middle Channel



Highest Channel





802.11n (HT20) Modulation

Lowest Channel



Middle Channel



Highest Channel





802.11n (HT40) Modulation

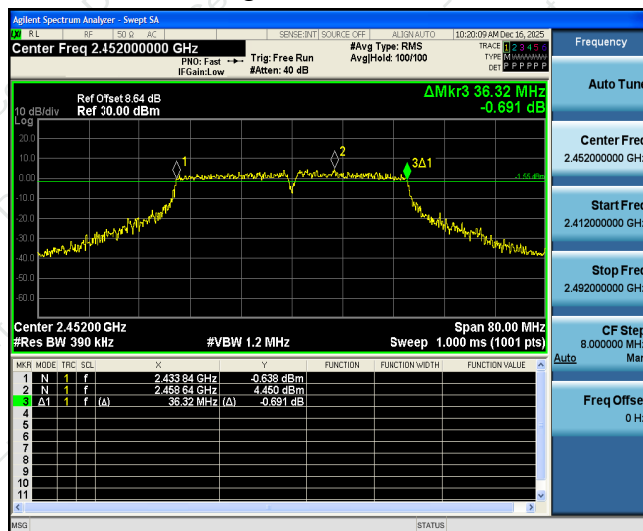
Lowest Channel



Middle Channel



Highest Channel





802.11ax (HE20) Modulation

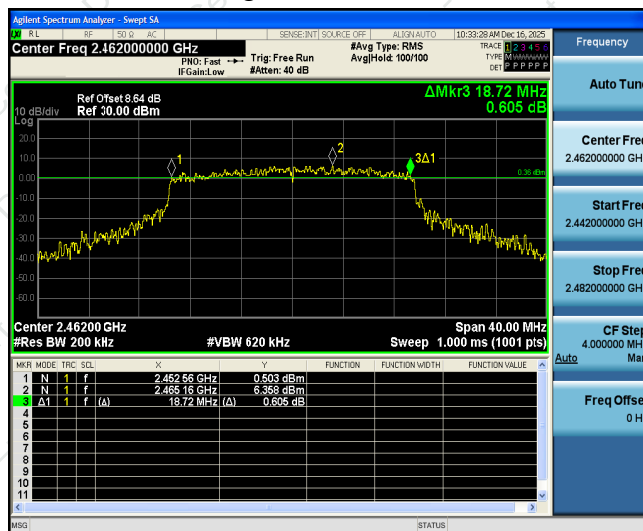
Lowest Channel



Middle Channel



Highest Channel





802.11ax (HE40) Modulation

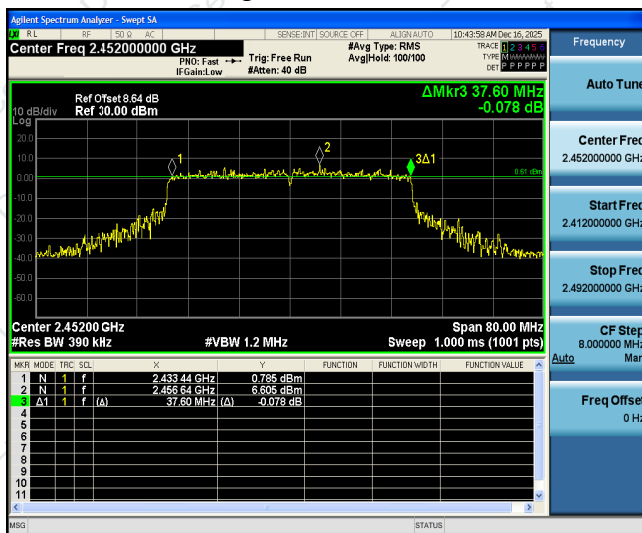
Lowest Channel



Middle Channel



Highest Channel





4.4 Power Spectral Density

4.4.1 Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02
Limit:	The average power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.
Test Setup:	 The diagram illustrates the test setup. On the left is a green rectangular box labeled 'Spectrum Analyzer'. A black line representing an RF cable connects the Spectrum Analyzer to a yellow rectangular box on the right labeled 'EUT'.
Test Mode:	Transmitting mode with modulation
Test Procedure:	1. The testing follows Measurement procedure 10.2 method PKPSD of FCC KDB Publication 558074 D01 15.247 Meas Guidance v05r02. 2. The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement. 3. Set to the maximum power setting and enable the EUT transmit continuously. 4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$. Video bandwidth VBW $\geq 3 \times \text{RBW}$. Set the span to at least 1.5 times the OBW. 5. Detector = Peak, Sweep time = auto couple. 6. Employ trace averaging (Peak) mode over a minimum of 100 traces. Use the peak marker function to determine the maximum power level. 7. Measure and record the results in the test report.
Test Result:	PASS



4.4.2 Test Data

EUT Set Mode	Channel	Test Result (dBm/30kHz)	Result (dBm/3kHz)
802.11b	Lowest	0.68	-9.32
	Middle	0.86	-9.14
	Highest	1.82	-8.18
802.11g	Lowest	-1.43	-11.43
	Middle	-1.16	-11.16
	Highest	0.62	-9.38
802.11n(HT20)	Lowest	-0.33	-10.33
	Middle	-0.22	-10.22
	Highest	1.92	-8.08
802.11n(HT40)	Lowest	-2.36	-12.36
	Middle	-2.61	-12.61
	Highest	-3.09	-13.09
802.11ax(HE20)	Lowest	-1.75	-11.75
	Middle	0.30	-9.70
	Highest	-0.26	-10.26
802.11ax(HE40)	Lowest	-2.02	-12.02
	Middle	-3.36	-13.36
	Highest	-3.94	-13.94
PSD test result (dBm/3kHz)= PSD test result (dBm/30kHz)-10			
Limit: 8dBm/3kHz			
Test Result:		PASS	

Test plots as follows:



802.11b Modulation

Lowest Channel



Middle Channel



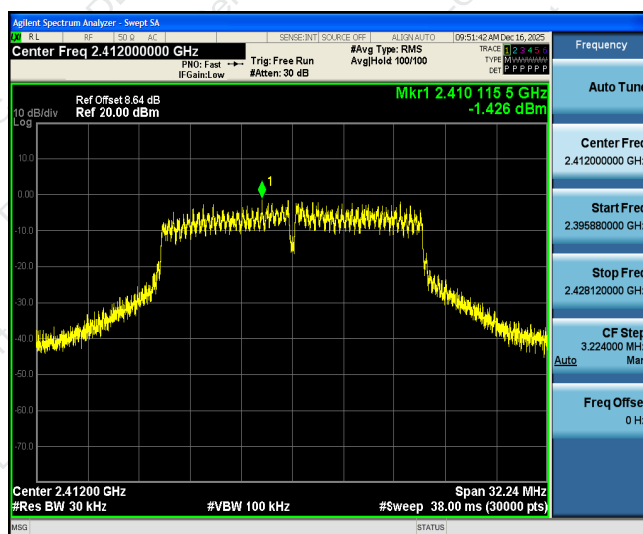
Highest Channel



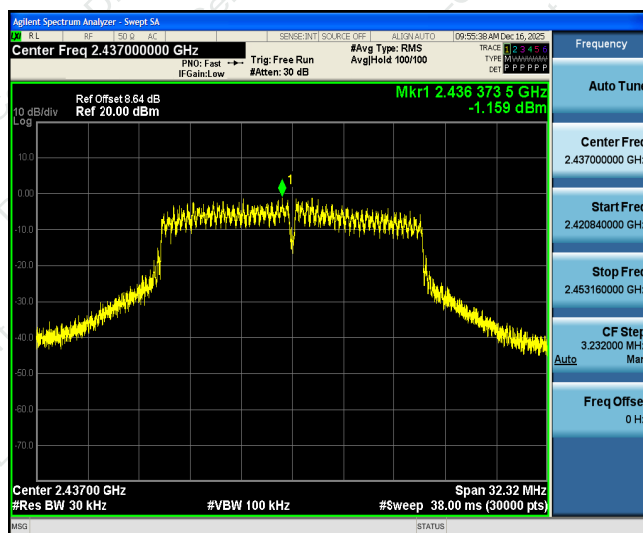


802.11g Modulation

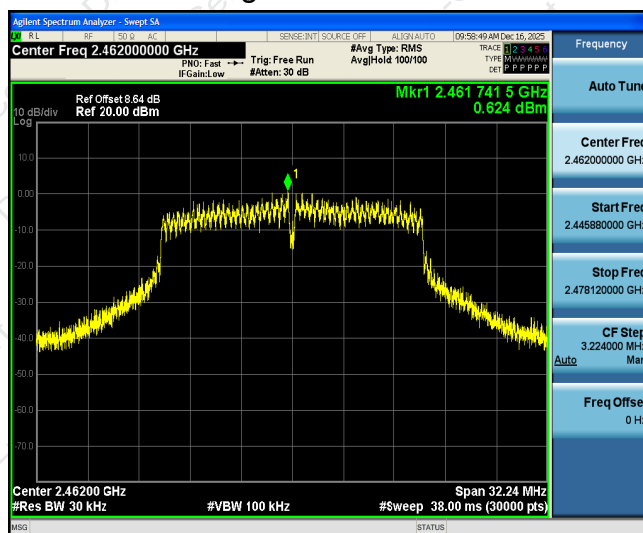
Lowest Channel



Middle Channel



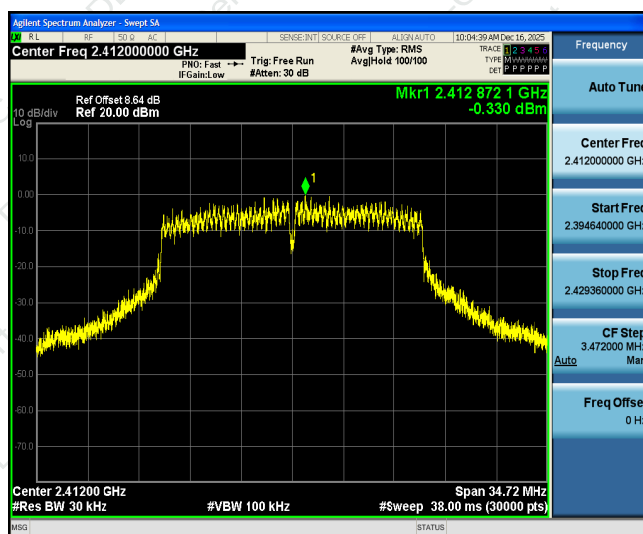
Highest Channel



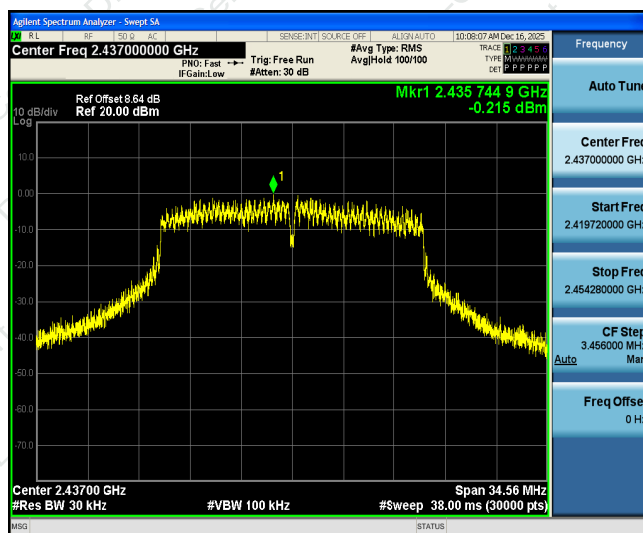


802.11n (HT20) Modulation

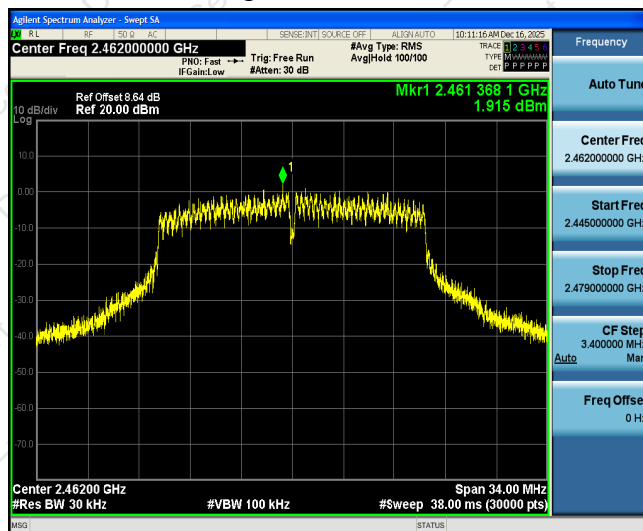
Lowest Channel



Middle Channel



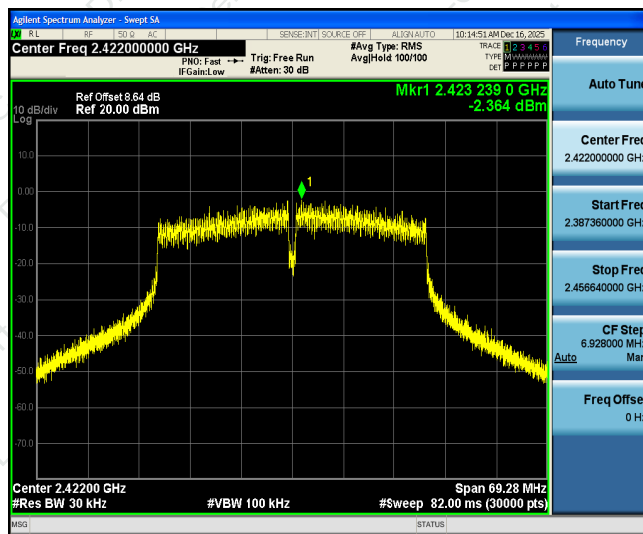
Highest Channel



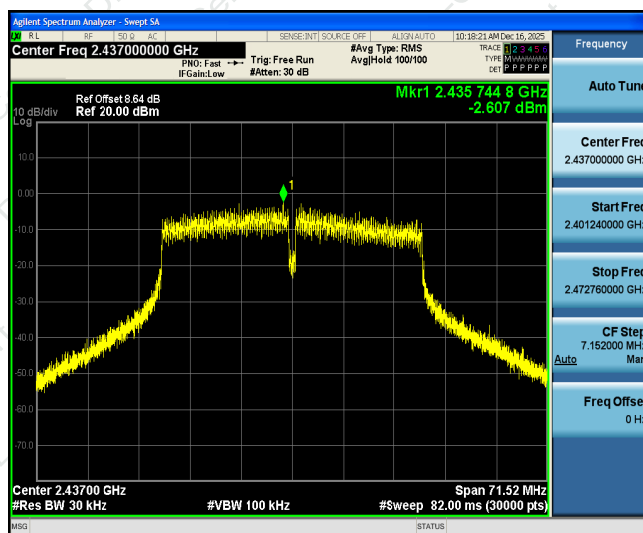


802.11n (HT40) Modulation

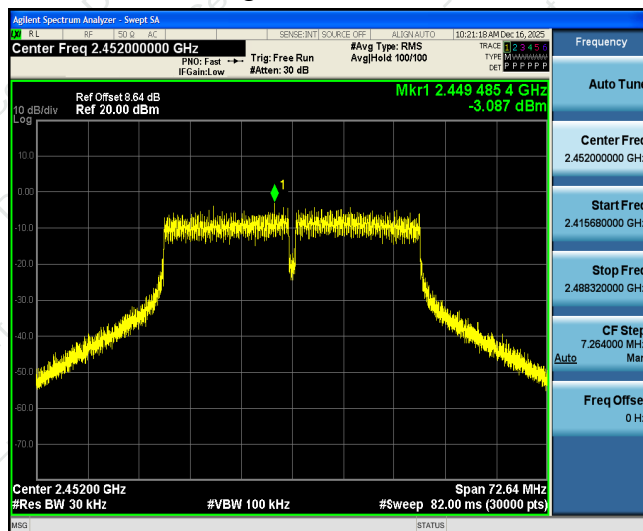
Lowest Channel



Middle Channel



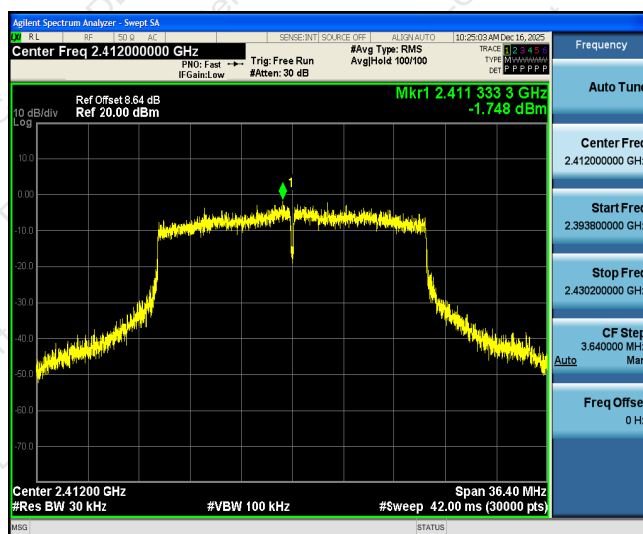
Highest Channel



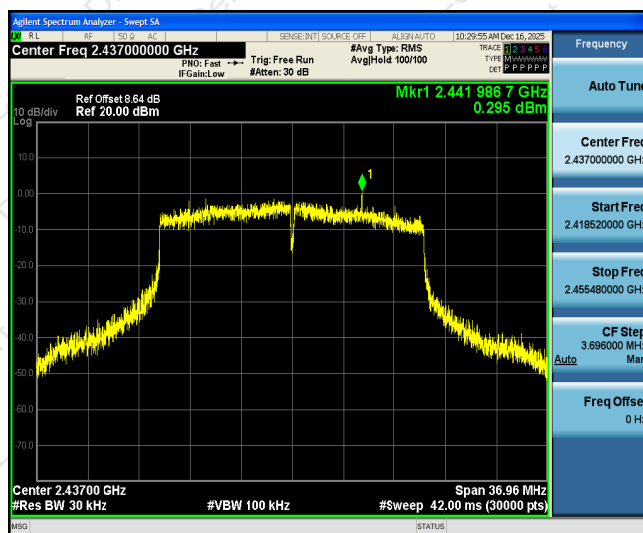


802.11ax (HE20) Modulation

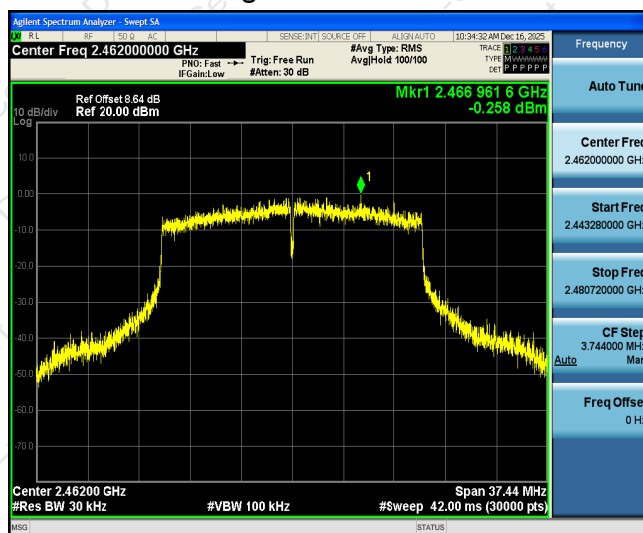
Lowest Channel



Middle Channel



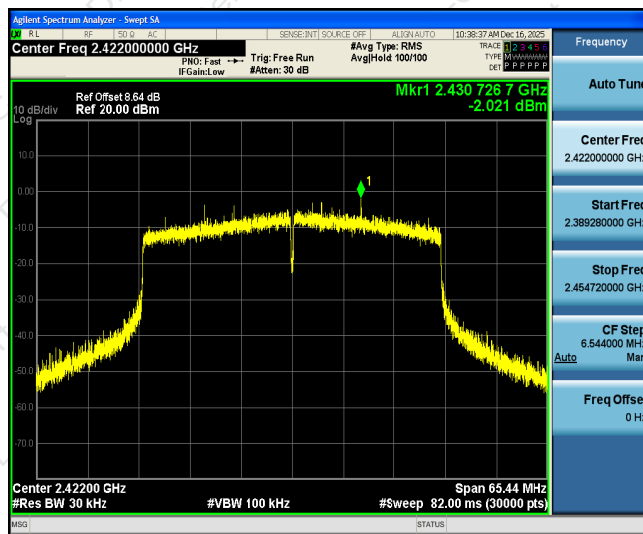
Highest Channel



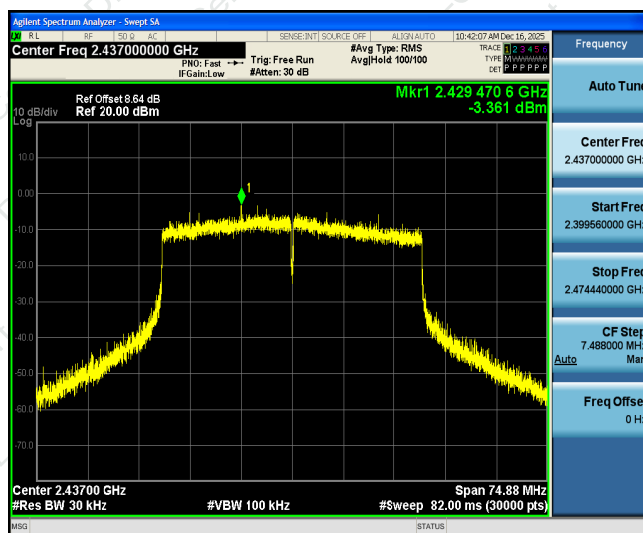


802.11ax (HE40) Modulation

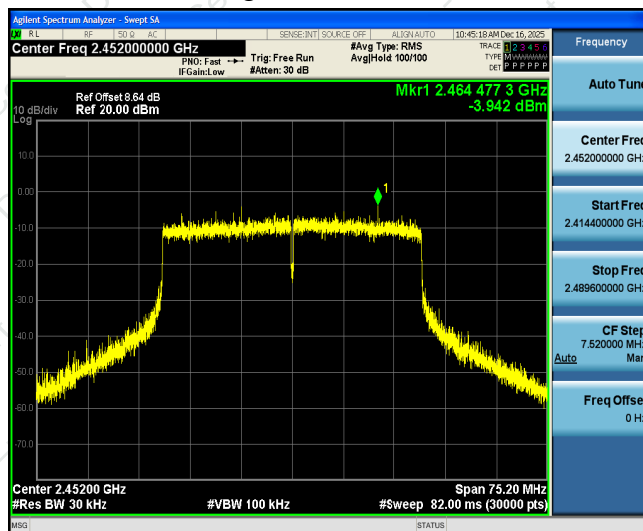
Lowest Channel



Middle Channel



Highest Channel





4.5 Conducted Band Edge and Spurious Emission Measurement

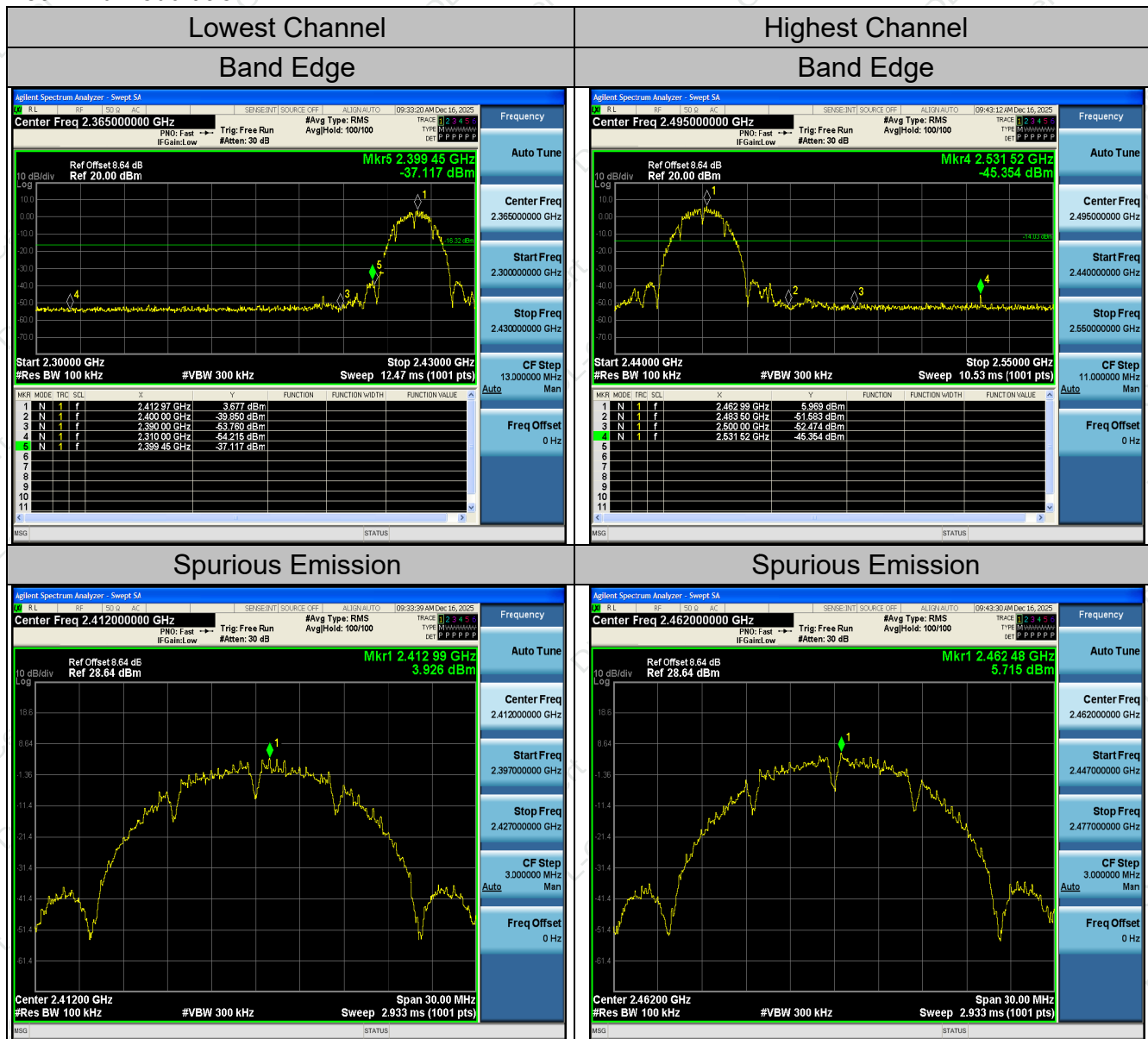
4.5.1 Test Specification

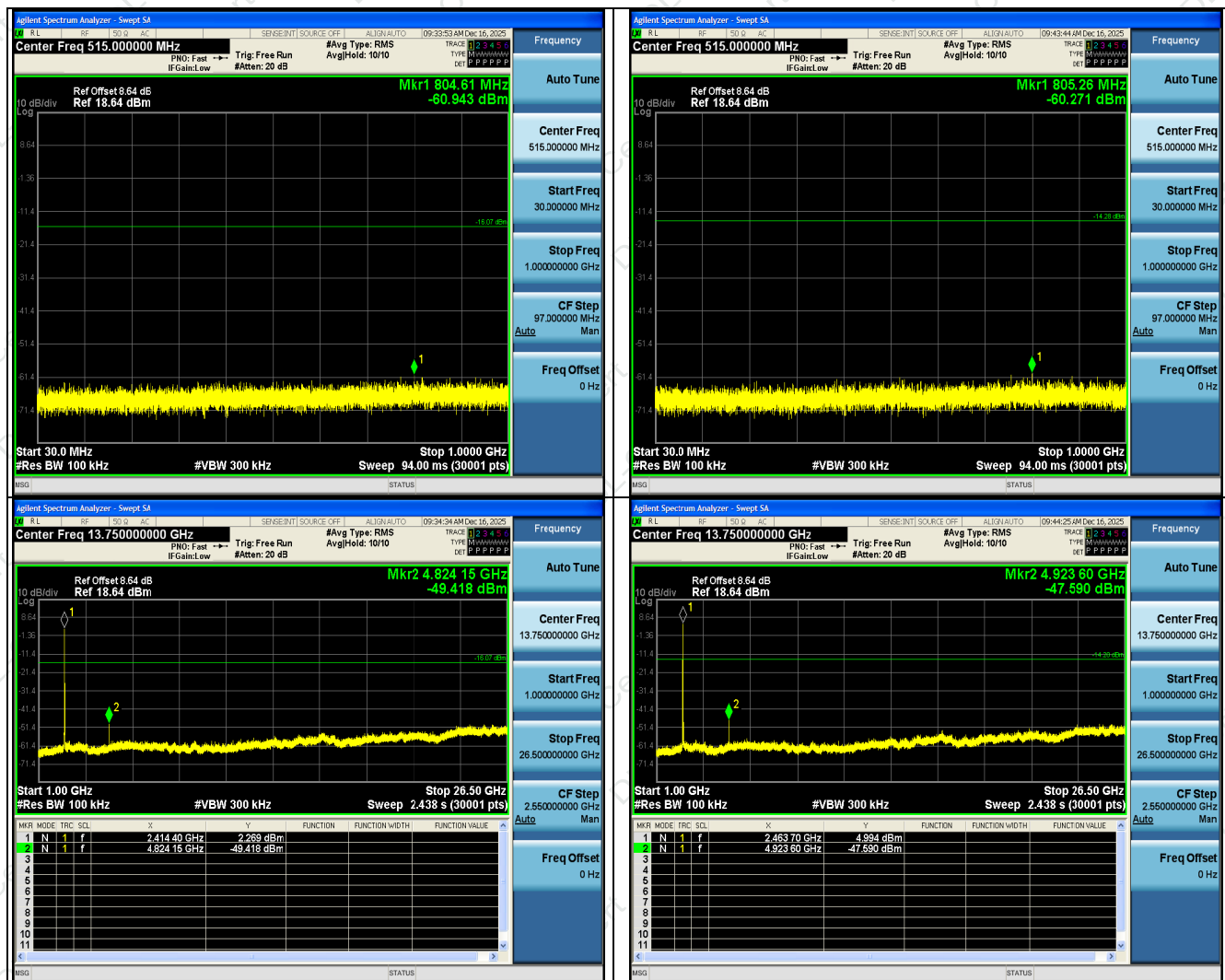
Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02
Limit:	In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement and radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).
Test Setup:	 The diagram illustrates the test setup. On the left is a green rectangular box labeled 'Spectrum Analyzer'. A black line representing an RF cable connects it to a yellow rectangular box on the right labeled 'EUT'.
Test Mode:	Transmitting mode with modulation
Test Procedure:	1. The testing follows FCC KDB Publication 558074 D01 15.247 Meas Guidance v05r02. 2. The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement. 3. Set to the maximum power setting and enable the EUT transmit continuously. 4. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d). 5. Measure and record the results in the test report. 6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
Test Result:	PASS



4.5.2 Test Data

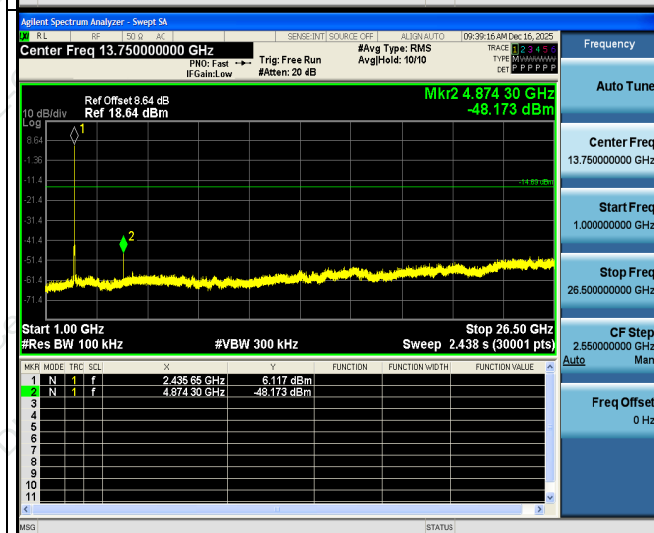
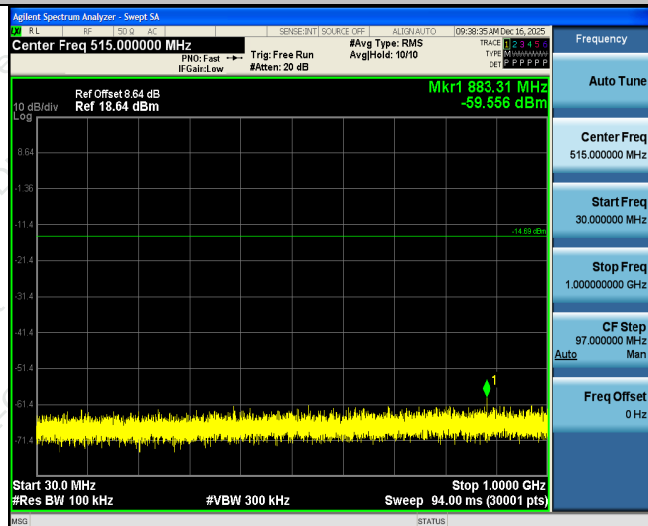
802.11b Modulation







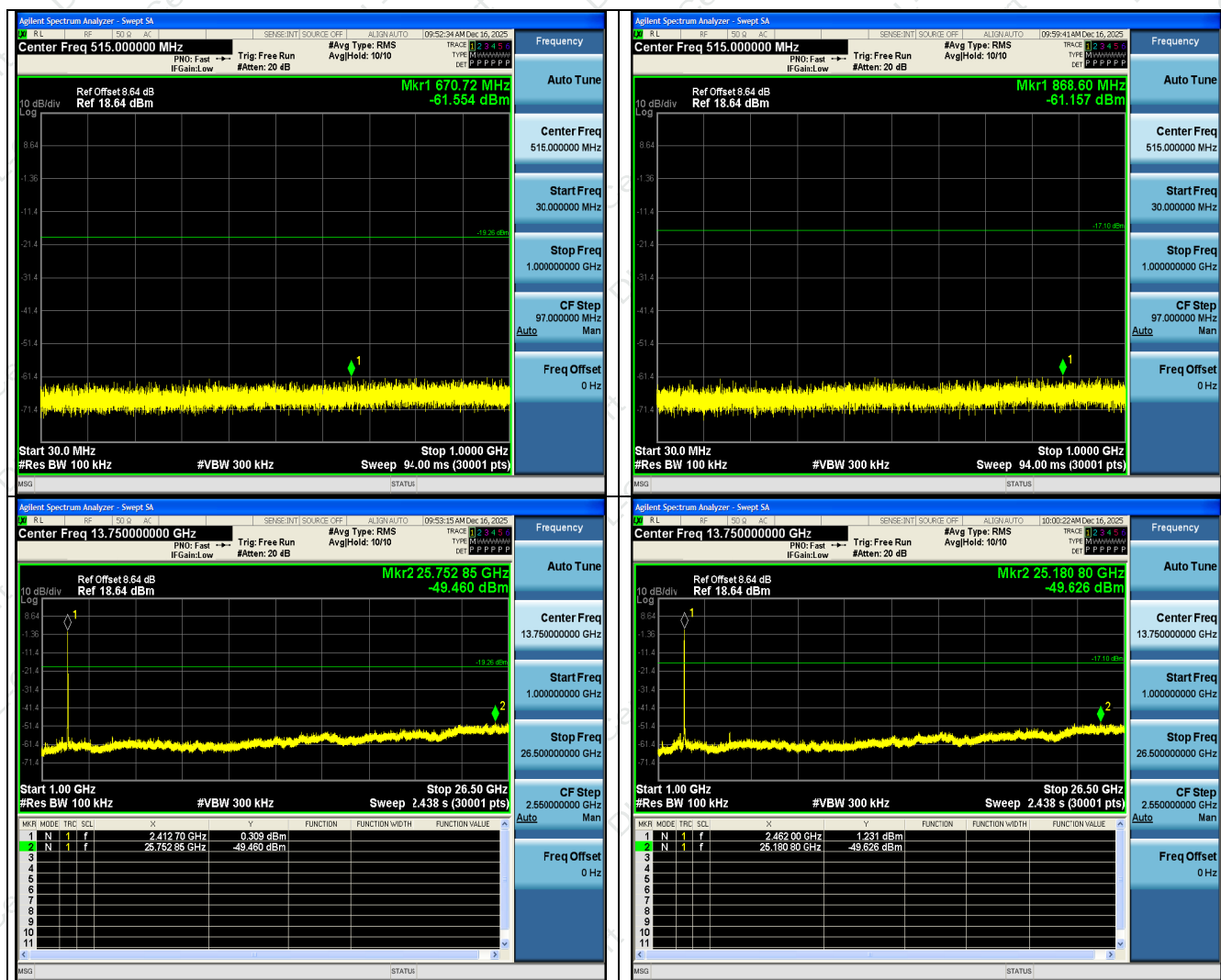
Middle Channel Spurious Emission





802.11g Modulation







Middle Channel

Spurious Emission

