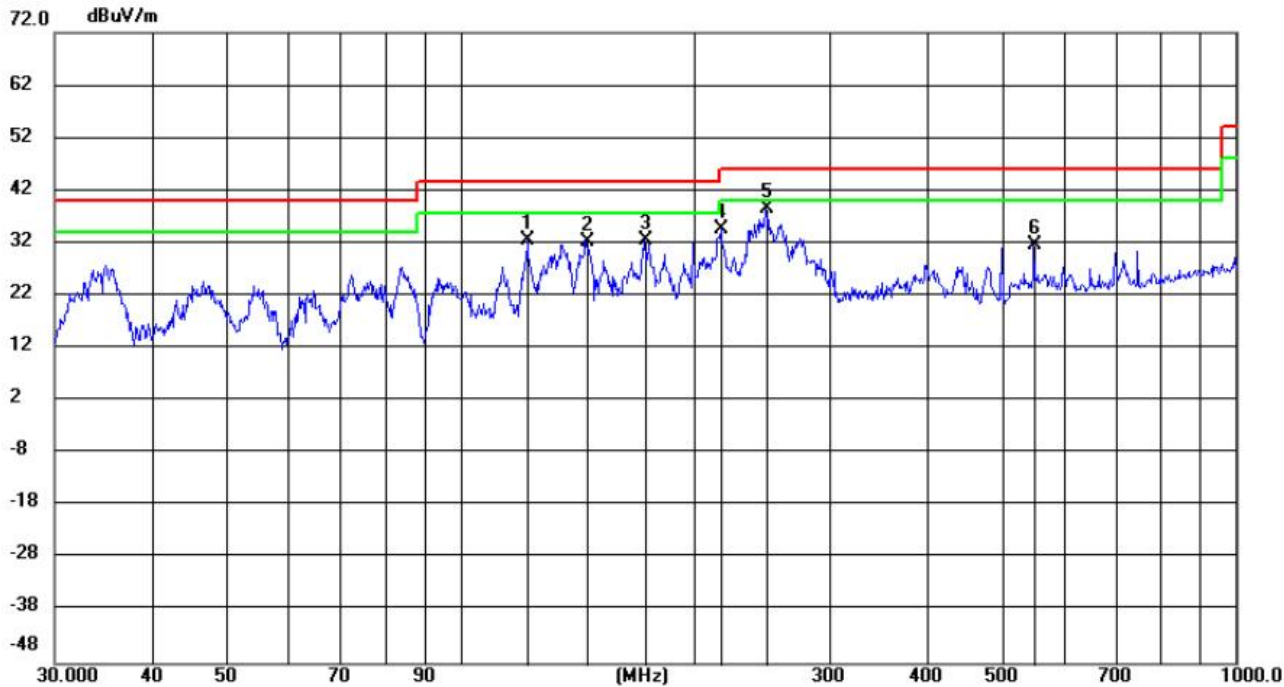


Radiated Spurious Emission below 1GHz:

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes, only the worst case lowest channel of 1Mbps for 802.11b was recorded in the report.

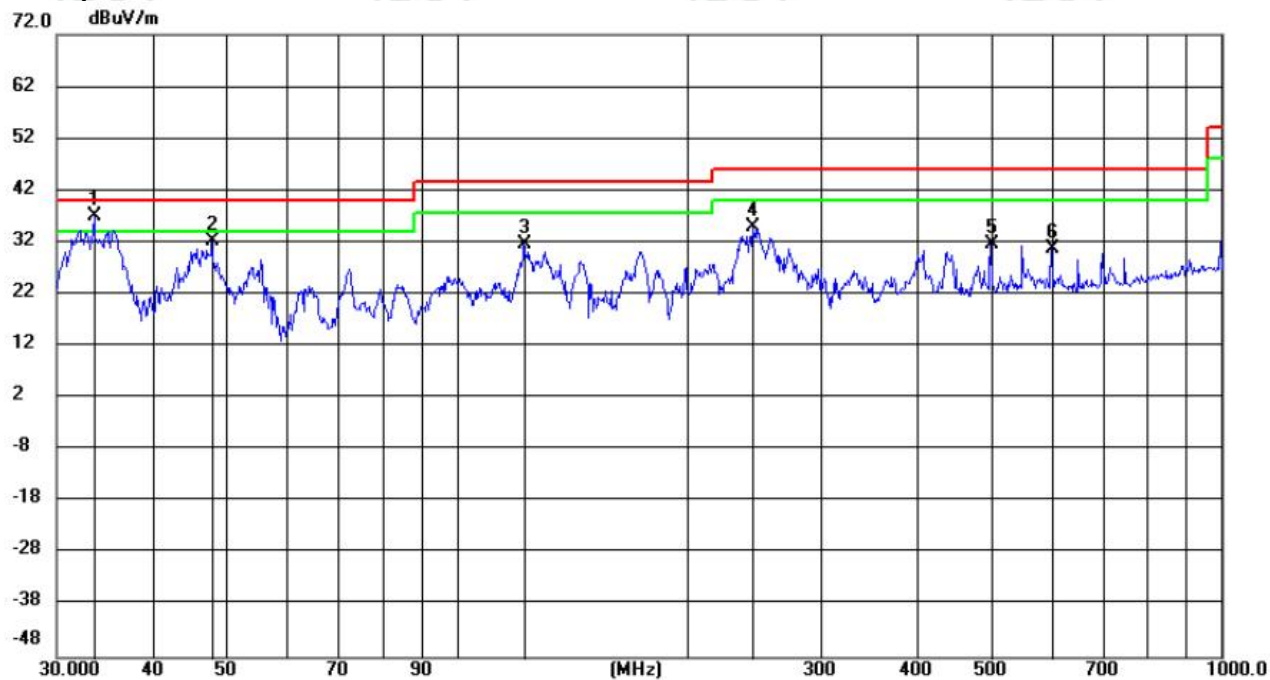
Horizontal:
Test Graph



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	
1		122.1681	21.32	11.28	32.60	43.50	-10.90	QP	200	161
2		145.7844	23.15	9.16	32.31	43.50	-11.19	QP	200	118
3		173.0229	21.32	11.27	32.59	43.50	-10.91	QP	200	139
4		217.3536	21.71	13.03	34.74	46.00	-11.26	QP	100	136
5	*	248.4647	24.22	14.21	38.43	46.00	-7.57	QP	100	360
6		550.0793	10.66	21.05	31.71	46.00	-14.29	QP	100	205

Vertical:

Test Graph



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	33.6095	24.25	12.74	36.99	40.00	-3.01	QP	100	214
2		47.9351	18.55	13.56	32.11	40.00	-7.89	QP	100	214
3		122.8124	20.35	11.17	31.52	43.50	-11.98	QP	100	118
4		244.2321	20.78	14.05	34.83	46.00	-11.17	QP	200	82
5		500.0380	11.72	19.84	31.56	46.00	-14.44	QP	200	125
6		600.0573	8.58	22.26	30.84	46.00	-15.16	QP	100	118

Radiated Spurious Emission above 1GHz:

Remark: Through Pre-scan, for 20MHz Occupied Bandwidth, 802.11 b mode was the worst case; for 40MHz Occupied Bandwidth, 802.11 n(HT40) mode was the worst case; only the worst case was recorded in the report.

Mode:			802.11 b Transmitting			Channel:		2412MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1914.861	15.95	37.34	53.29	74.00	20.71	PASS	H	PK
2	3899.0599	-11.81	51.46	39.65	74.00	34.35	PASS	H	PK
3	5229.1486	-9.23	48.48	39.25	74.00	34.75	PASS	H	PK
4	6432.2288	-6.36	48.63	42.27	74.00	31.73	PASS	H	PK
5	11256.5504	5.47	44.13	49.60	74.00	24.40	PASS	H	PK
6	16816.9211	13.09	40.02	53.11	74.00	20.89	PASS	H	PK
7	1898.5932	15.46	37.30	52.76	74.00	21.24	PASS	V	PK
8	3787.0525	-12.23	52.26	40.03	74.00	33.97	PASS	V	PK
9	6098.2065	-5.81	47.86	42.05	74.00	31.95	PASS	V	PK
10	8469.3646	-2.24	45.93	43.69	74.00	30.31	PASS	V	PK
11	11962.5975	5.87	43.96	49.83	74.00	24.17	PASS	V	PK
12	16401.8935	13.11	39.72	52.83	74.00	21.17	PASS	V	PK

Mode:			802.11 b Transmitting			Channel:		2437MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1881.1254	15.41	36.95	52.36	74.00	21.64	PASS	H	PK
2	3790.0527	-12.14	52.50	40.36	74.00	33.64	PASS	H	PK
3	6102.2068	-5.78	47.15	41.37	74.00	32.63	PASS	H	PK
4	8205.347	-3.70	45.65	41.95	74.00	32.05	PASS	H	PK
5	9817.4545	3.16	43.59	46.75	74.00	27.25	PASS	H	PK
6	16815.9211	13.07	39.94	53.01	74.00	20.99	PASS	H	PK
7	1965.3977	16.19	36.62	52.81	74.00	21.19	PASS	V	PK
8	3925.0617	-11.59	51.86	40.27	74.00	33.73	PASS	V	PK
9	5743.1829	-7.49	48.18	40.69	74.00	33.31	PASS	V	PK
10	9820.4547	3.12	43.78	46.90	74.00	27.10	PASS	V	PK
11	12390.626	5.83	43.37	49.20	74.00	24.80	PASS	V	PK
12	15248.8166	13.92	37.20	51.12	74.00	22.88	PASS	V	PK

Mode:			802.11 b Transmitting			Channel:		2462MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1866.5911	15.36	37.65	53.01	74.00	20.99	PASS	H	PK
2	3907.0605	-11.70	51.45	39.75	74.00	34.25	PASS	H	PK
3	5083.1389	-9.32	48.99	39.67	74.00	34.33	PASS	H	PK
4	7265.2844	-4.36	46.40	42.04	74.00	31.96	PASS	H	PK
5	11243.5496	5.69	43.88	49.57	74.00	24.43	PASS	H	PK
6	15877.8585	12.89	39.63	52.52	74.00	21.48	PASS	H	PK
7	1853.9236	15.33	37.95	53.28	74.00	20.72	PASS	V	PK
8	4095.073	-10.47	49.99	39.52	74.00	34.48	PASS	V	PK
9	6565.2377	-6.15	50.63	44.48	74.00	29.52	PASS	V	PK
10	9084.4056	0.15	44.50	44.65	74.00	29.35	PASS	V	PK
11	13148.6766	8.56	41.94	50.50	74.00	23.50	PASS	V	PK
12	15899.86	13.71	38.77	52.48	74.00	21.52	PASS	V	PK

Mode:			802.11 n(HT40) Transmitting			Channel:		2422MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1967.5312	16.07	36.89	52.96	74.00	21.04	PASS	H	PK
2	3229.0153	-14.25	63.65	49.40	74.00	24.60	PASS	H	PK
3	5428.1619	-8.65	48.84	40.19	74.00	33.81	PASS	H	PK
4	7274.285	-4.42	49.49	45.07	74.00	28.93	PASS	H	PK
5	11010.534	5.22	43.39	48.61	74.00	25.39	PASS	H	PK
6	13268.6846	7.78	43.42	51.20	74.00	22.80	PASS	H	PK
7	1922.9949	16.21	36.19	52.40	74.00	21.60	PASS	V	PK
8	3229.0153	-14.25	61.68	47.43	74.00	26.57	PASS	V	PK
9	4257.0838	-10.58	50.82	40.24	74.00	33.76	PASS	V	PK
10	6459.2306	-6.78	48.01	41.23	74.00	32.77	PASS	V	PK
11	9852.4568	2.60	44.31	46.91	74.00	27.09	PASS	V	PK
12	12991.6661	8.40	42.28	50.68	74.00	23.32	PASS	V	PK

Mode:			802.11 n(HT40) Transmitting			Channel:		2437MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1910.594	15.81	36.73	52.54	74.00	21.46	PASS	H	PK
2	3728.0485	-12.98	52.25	39.27	74.00	34.73	PASS	H	PK
3	5344.1563	-8.42	49.10	40.68	74.00	33.32	PASS	H	PK
4	8527.3685	-2.11	45.82	43.71	74.00	30.29	PASS	H	PK
5	11235.549	5.46	44.36	49.82	74.00	24.18	PASS	H	PK
6	16809.9207	12.95	40.41	53.36	74.00	20.64	PASS	H	PK
7	1857.1238	15.34	37.26	52.60	74.00	21.40	PASS	V	PK
8	3249.0166	-14.09	62.35	48.26	74.00	25.74	PASS	V	PK
9	4713.1142	-9.22	48.86	39.64	74.00	34.36	PASS	V	PK
10	6499.2333	-6.01	49.02	43.01	74.00	30.99	PASS	V	PK
11	9826.4551	3.03	43.36	46.39	74.00	27.61	PASS	V	PK
12	13442.6962	9.47	42.05	51.52	74.00	22.48	PASS	V	PK

Mode:			802.11 n(HT40) Transmitting			Channel:		2452MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1970.198	15.91	36.54	52.45	74.00	21.55	PASS	H	PK
2	3270.018	-13.79	61.24	47.45	74.00	26.55	PASS	H	PK
3	4499.0999	-8.49	48.87	40.38	74.00	33.62	PASS	H	PK
4	6538.2359	-6.12	49.53	43.41	74.00	30.59	PASS	H	PK
5	9140.4094	0.29	44.74	45.03	74.00	28.97	PASS	H	PK
6	13254.6836	8.83	42.56	51.39	74.00	22.61	PASS	H	PK
7	1882.7255	15.42	36.93	52.35	74.00	21.65	PASS	V	PK
8	3269.0179	-13.80	60.84	47.04	74.00	26.96	PASS	V	PK
9	4502.1001	-8.48	49.50	41.02	74.00	32.98	PASS	V	PK
10	6798.2532	-4.91	46.94	42.03	74.00	31.97	PASS	V	PK
11	11006.5338	5.30	45.21	50.51	74.00	23.49	PASS	V	PK
12	14253.7502	12.55	38.69	51.24	74.00	22.76	PASS	V	PK

Remark:

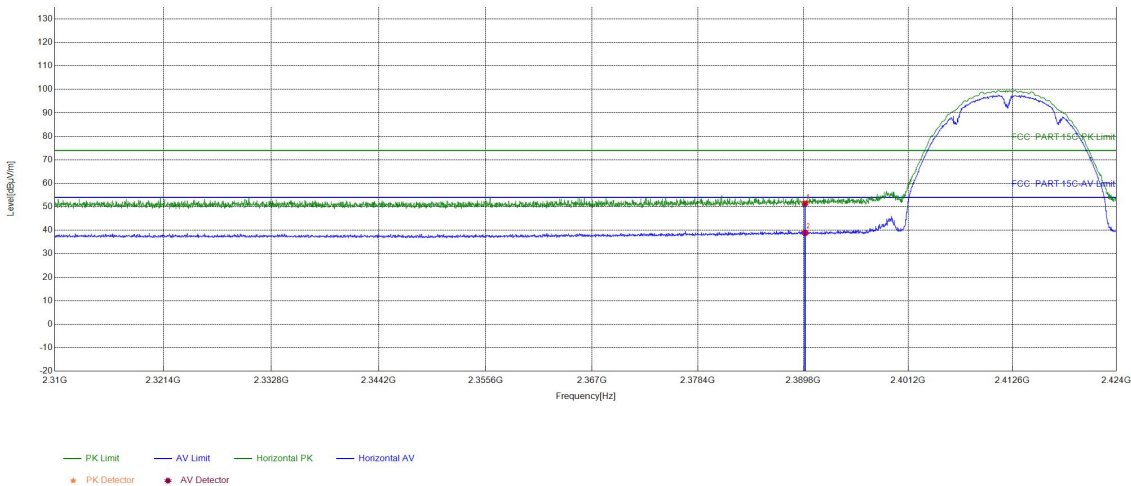
- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- Scan from 9kHz to 25GHz, the disturbance above 10GHz and below 30MHz was very low. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

Restricted bands:

Test plot as follows:

EUT_Name		Test_Model	
Test_Mode	802.11 b Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

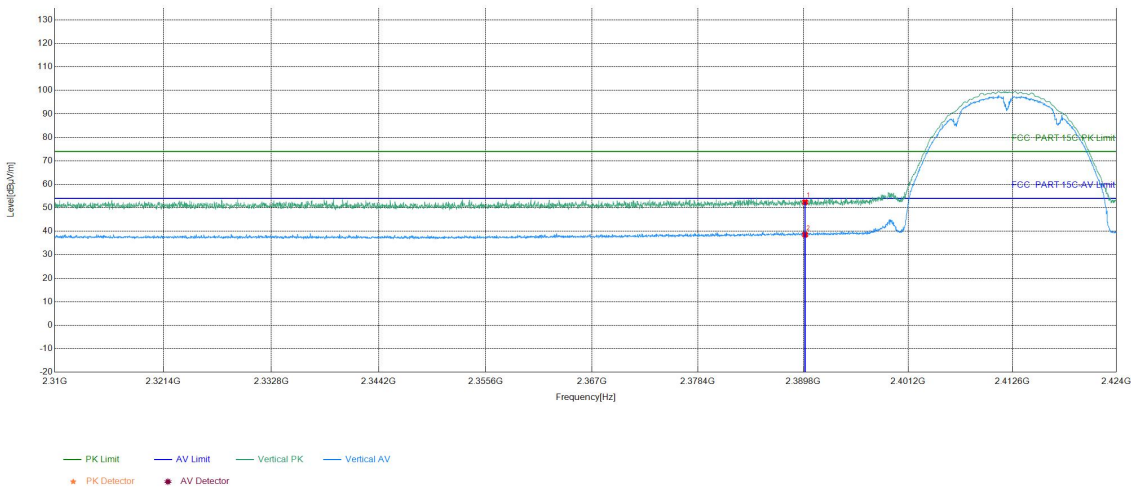
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.31	36.20	51.51	74.00	22.49	PASS	Horizontal	PK
2	2390	15.31	23.56	38.87	54.00	15.13	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 b Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

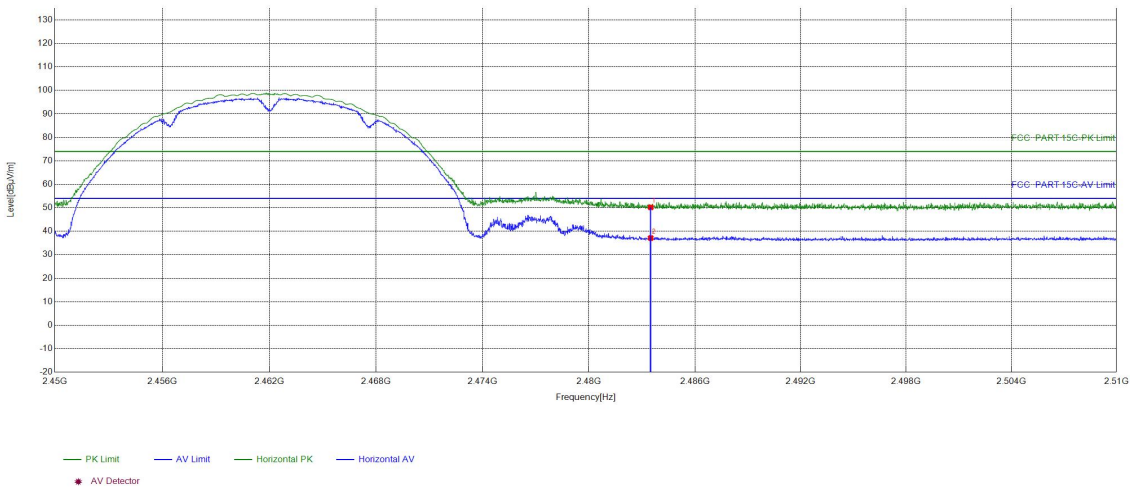
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.31	37.12	52.43	74.00	21.57	PASS	Vertical	PK
2	2390	15.31	23.22	38.53	54.00	15.47	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 b Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

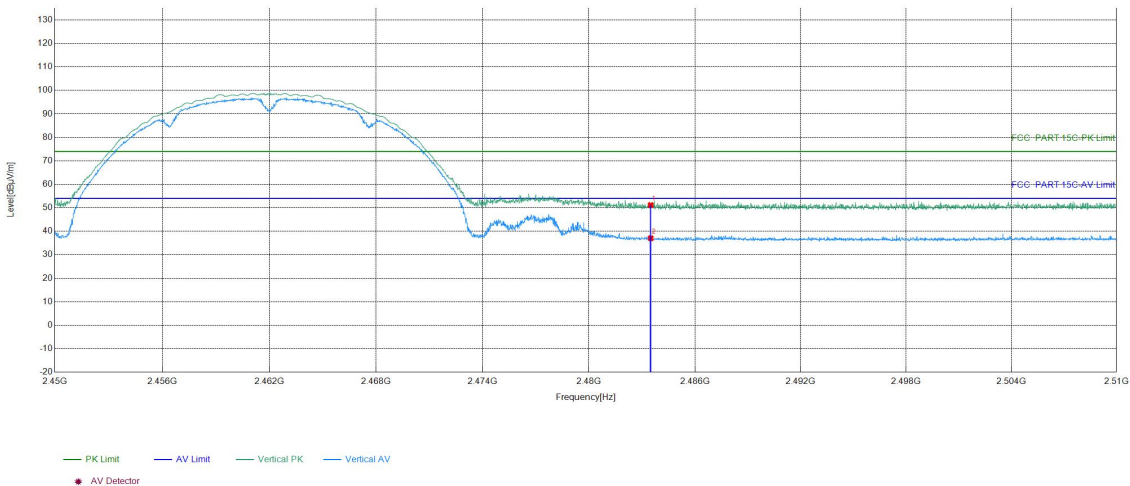
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	15.16	35.04	50.20	74.00	23.80	PASS	Horizontal	PK
2	2483.5	15.16	21.95	37.11	54.00	16.89	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 b Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

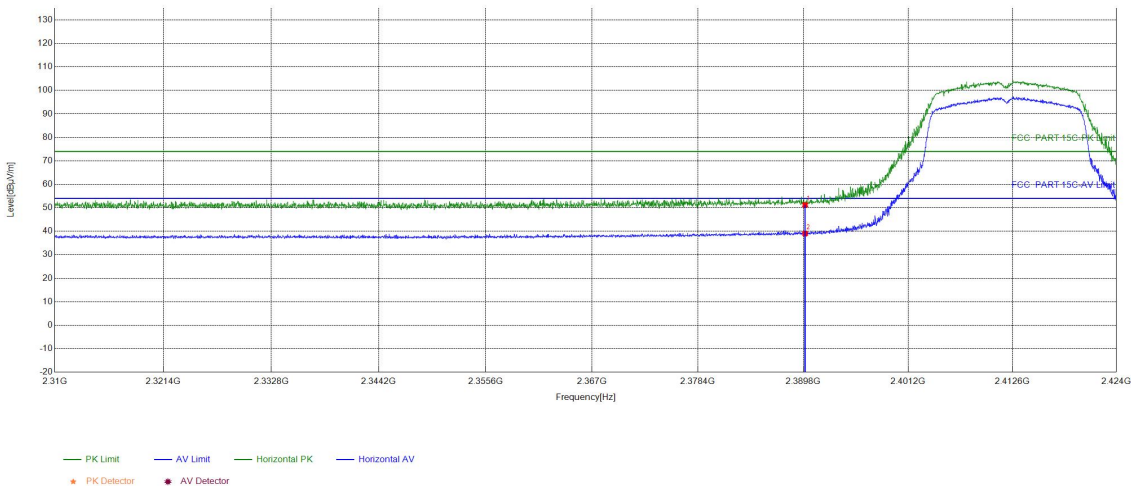
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	15.16	36.01	51.17	74.00	22.83	PASS	Vertical	PK
2	2483.5	15.16	21.87	37.03	54.00	16.97	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 g Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

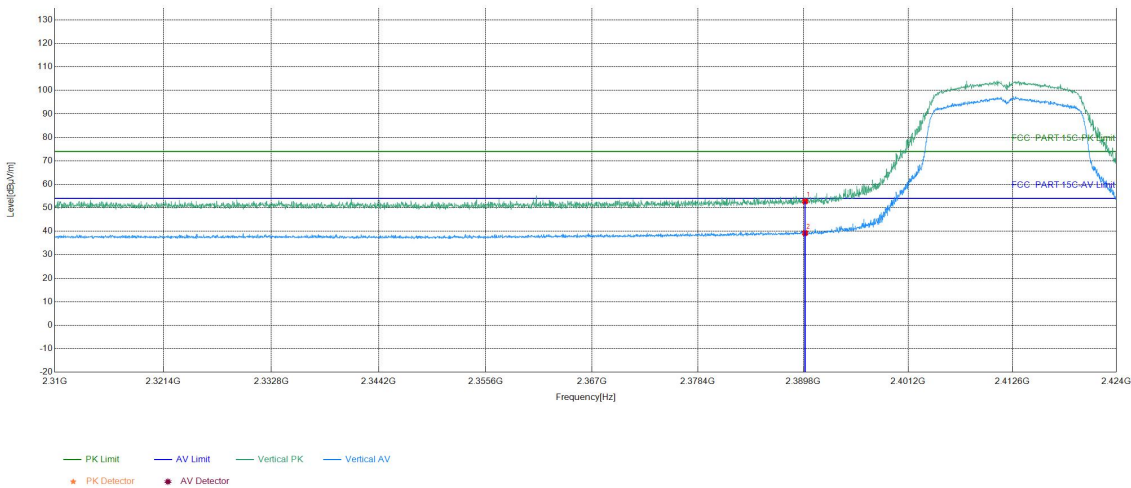
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.31	35.90	51.21	74.00	22.79	PASS	Horizontal	PK
2	2390	15.31	23.71	39.02	54.00	14.98	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 g Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

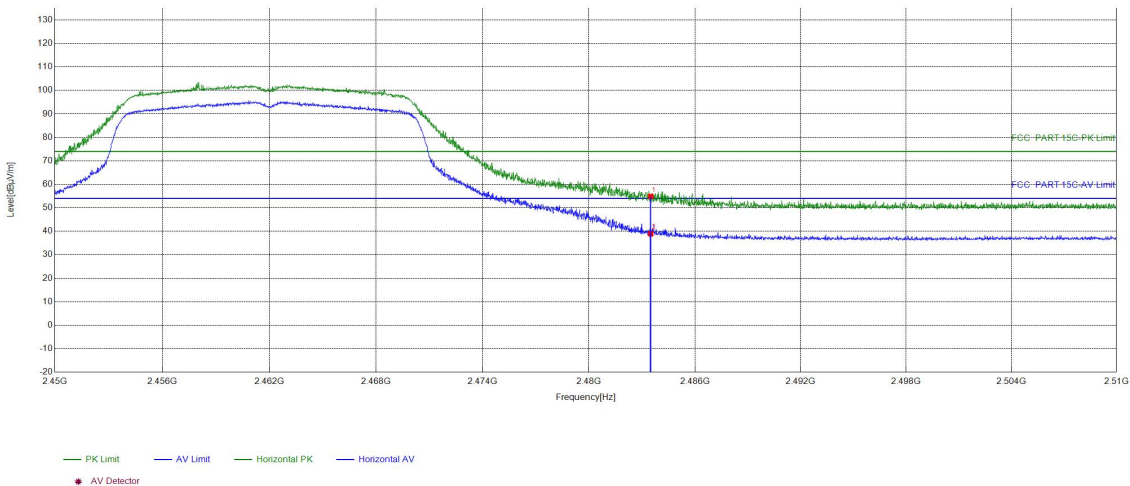
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.31	37.45	52.76	74.00	21.24	PASS	Vertical	PK
2	2390	15.31	23.93	39.24	54.00	14.76	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 g Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

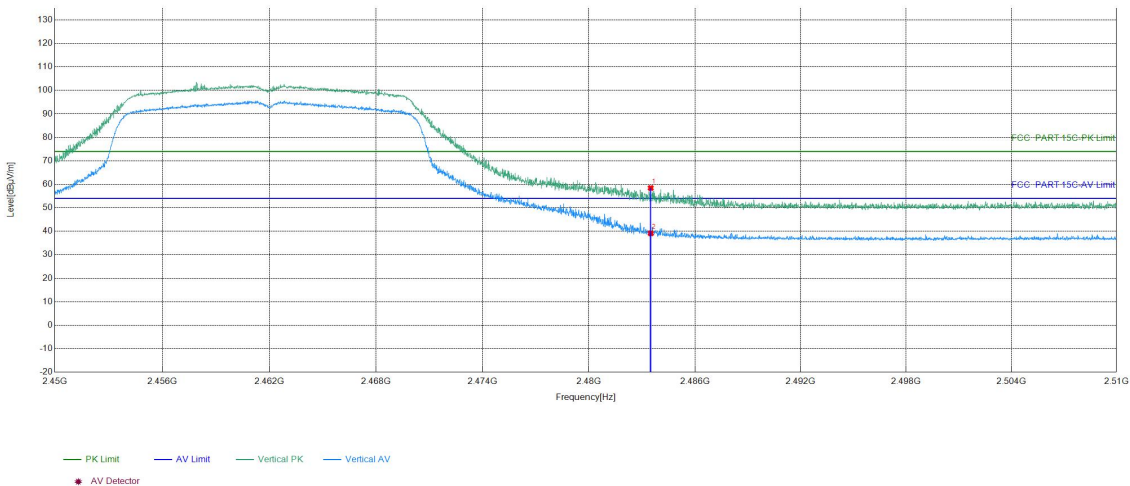
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	15.16	39.71	54.87	74.00	19.13	PASS	Horizontal	PK
2	2483.5	15.16	23.78	38.94	54.00	15.06	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 g Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

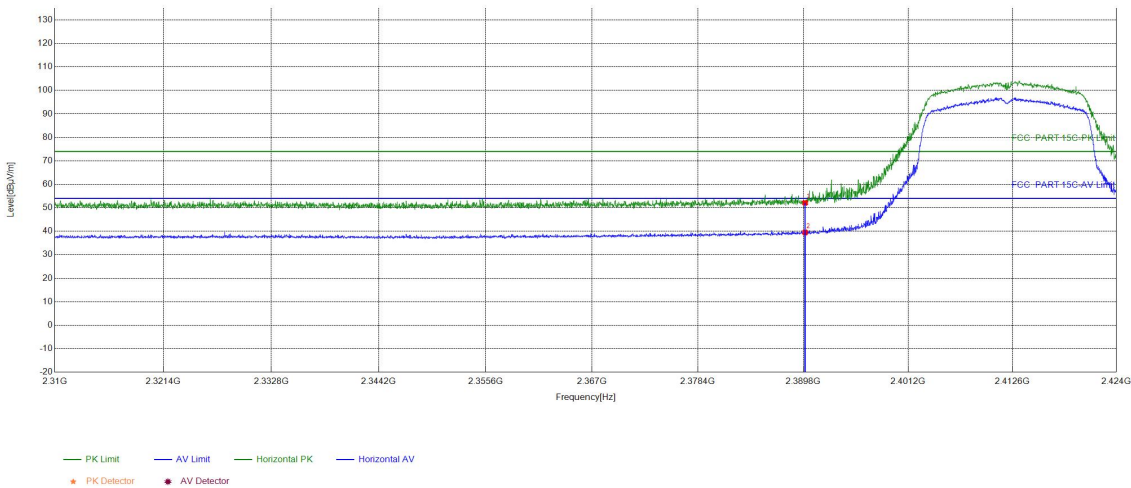
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	15.16	43.27	58.43	74.00	15.57	PASS	Vertical	PK
2	2483.5	15.16	23.97	39.13	54.00	14.87	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

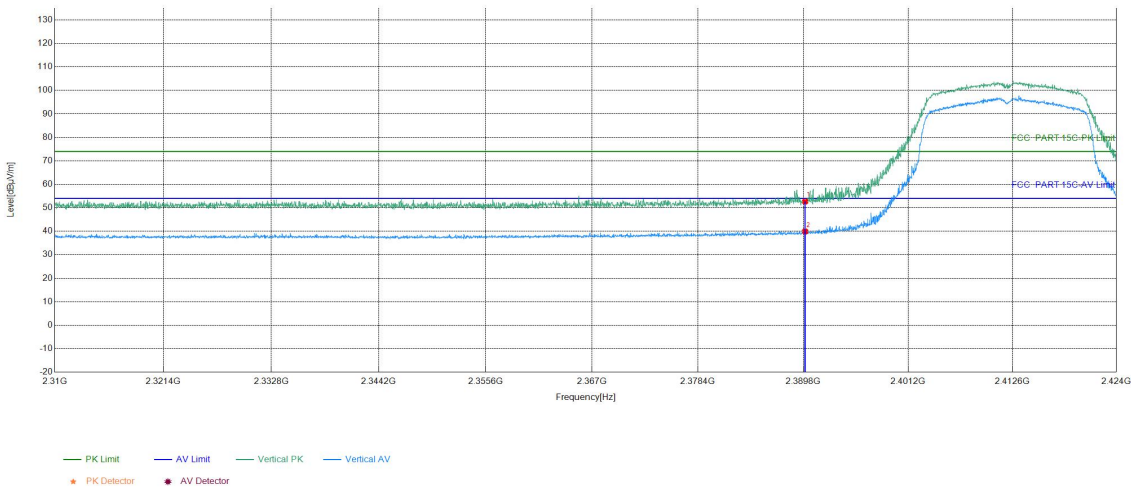
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.31	36.81	52.12	74.00	21.88	PASS	Horizontal	PK
2	2390	15.31	24.19	39.50	54.00	14.50	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

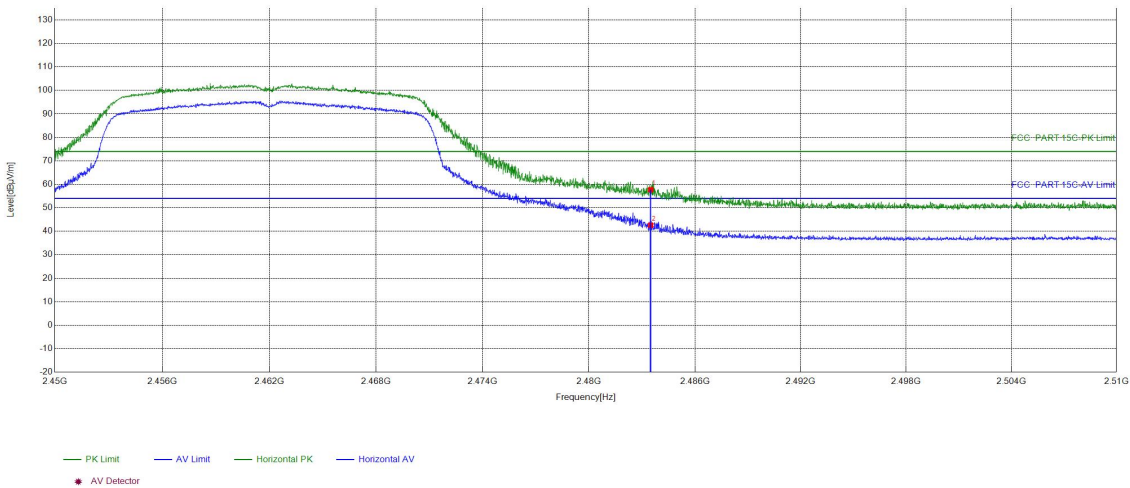
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.31	37.35	52.66	74.00	21.34	PASS	Vertical	PK
2	2390	15.31	24.62	39.93	54.00	14.07	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

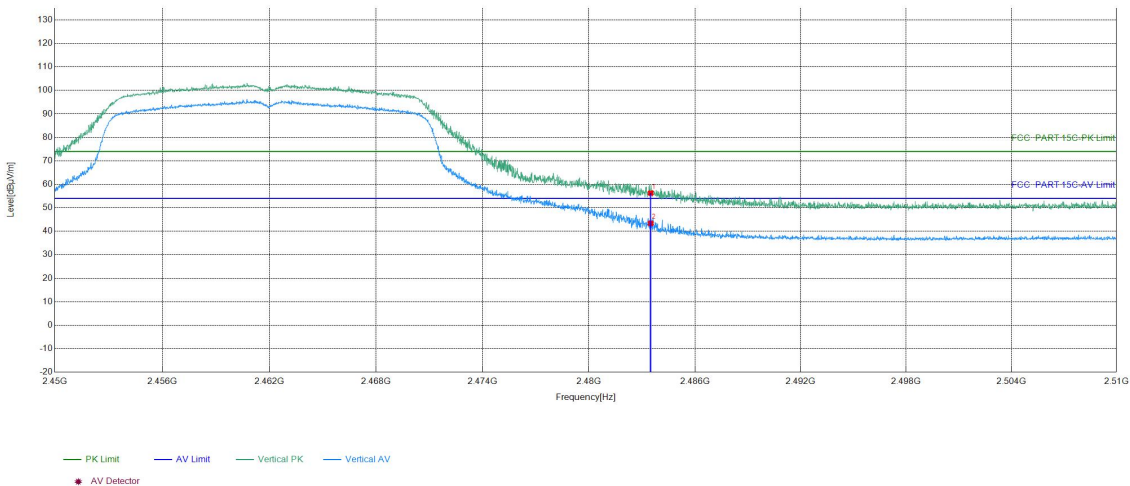
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	15.16	42.57	57.73	74.00	16.27	PASS	Horizontal	PK
2	2483.5	15.16	27.42	42.58	54.00	11.42	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

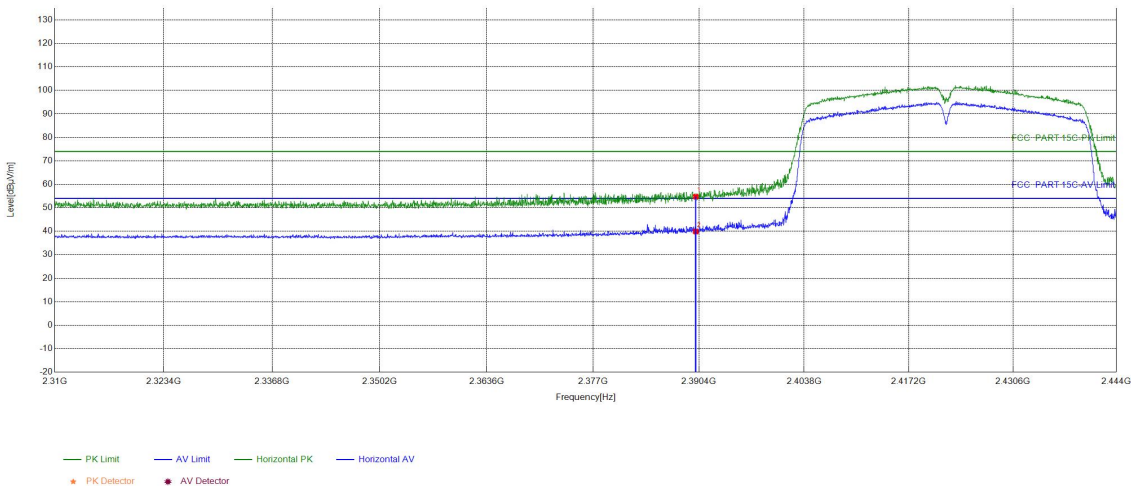
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	15.16	41.10	56.26	74.00	17.74	PASS	Vertical	PK
2	2483.5	15.16	28.21	43.37	54.00	10.63	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2422MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

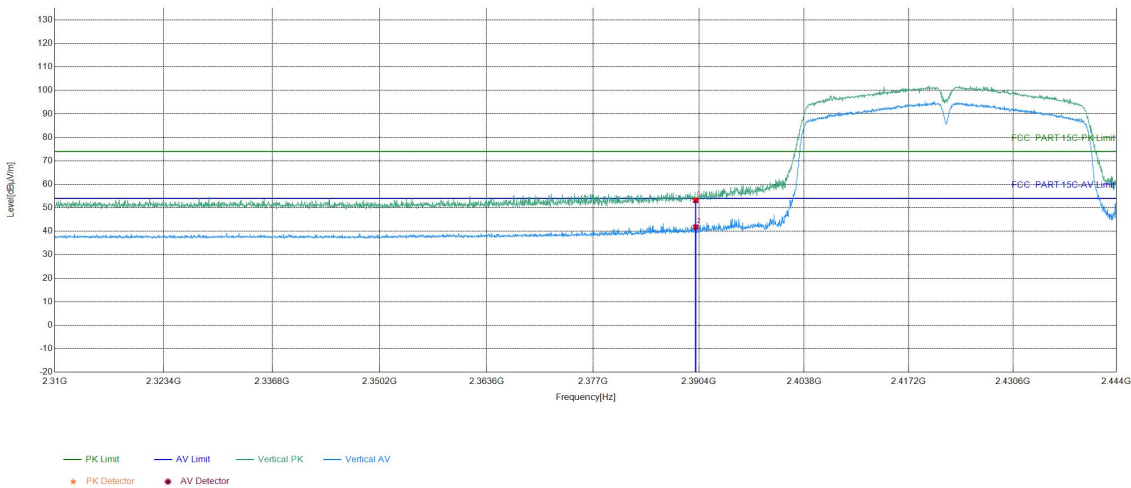
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.31	39.44	54.75	74.00	19.25	PASS	Horizontal	PK
2	2390	15.31	24.61	39.92	54.00	14.08	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2422MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

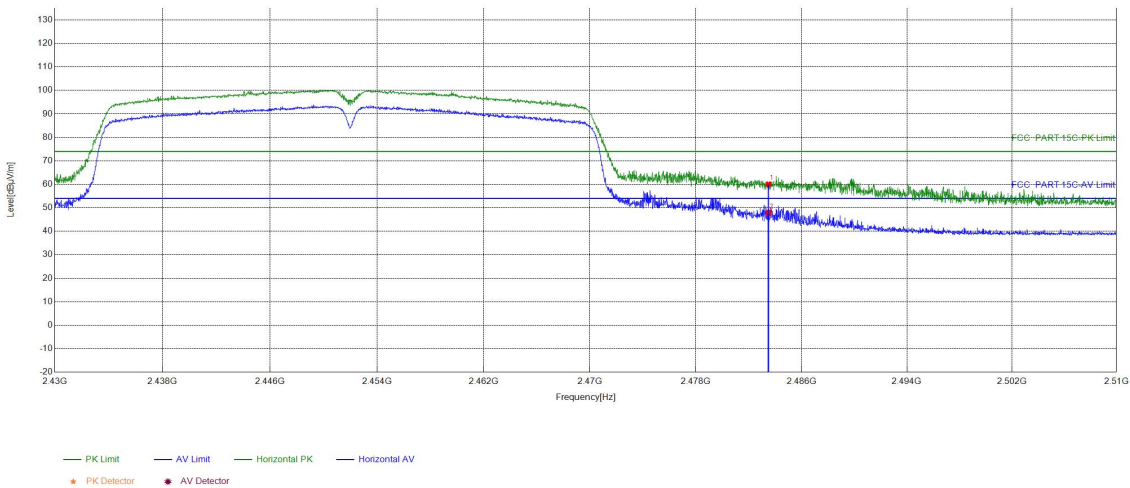
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.31	37.86	53.17	74.00	20.83	PASS	Vertical	PK
2	2390	15.31	26.44	41.75	54.00	12.25	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2452MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

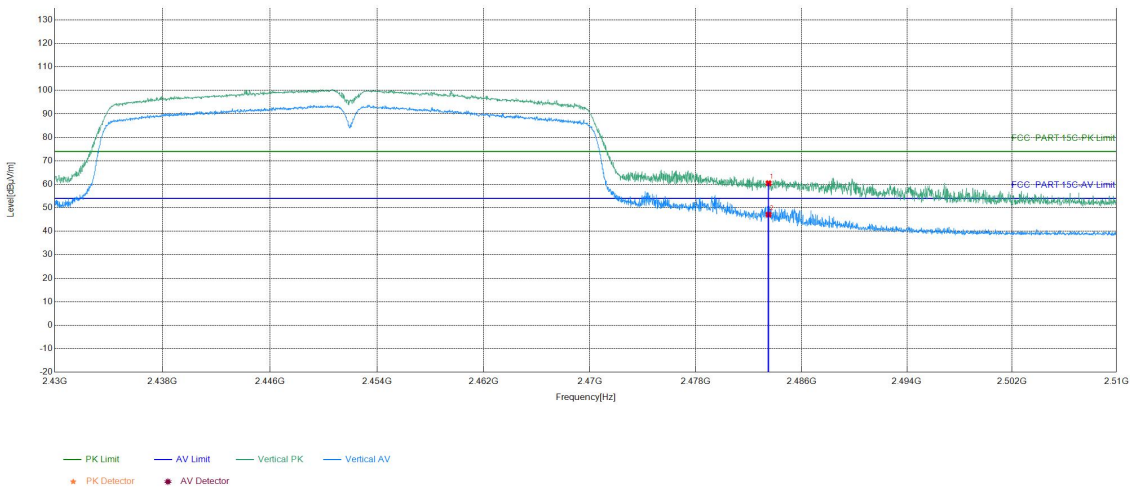
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	15.16	44.86	60.02	74.00	13.98	PASS	Horizontal	PK
2	2483.5	15.16	32.68	47.84	54.00	6.16	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2452MHz
Tset_Engineer	chenjun	Test_Date	2024/12/08
Remark	21.8°C59.9%\		

Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	15.16	45.31	60.47	74.00	13.53	PASS	Vertical	PK
2	2483.5	15.16	31.97	47.13	54.00	6.87	PASS	Vertical	AV

Note:
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading - Correct Factor
Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

7 Appendix 2.4G Wi-Fi

Refer to Appendix: 2.4G Wi-Fi of EED32Q81556401

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full.

*** End of Report ***