

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	1071.2071	6.66	41.00	47.66	74.00	26.34	PASS	H	PK
2	1944.8945	12.23	36.02	48.25	74.00	25.75	PASS	H	PK
3	3750.05	-16.87	55.03	38.16	74.00	35.84	PASS	H	PK
4	6250.2167	-9.98	51.14	41.16	74.00	32.84	PASS	H	PK
5	7863.3242	-1.28	46.13	44.85	74.00	29.15	PASS	H	PK
6	11256.5504	6.99	44.54	51.53	74.00	22.47	PASS	H	PK
7	1149.4149	7.71	37.84	45.55	74.00	28.45	PASS	V	PK
8	1950.8951	12.33	36.06	48.39	74.00	25.61	PASS	V	PK
9	3406.0271	-17.29	54.79	37.50	74.00	36.50	PASS	V	PK
10	4515.101	-11.86	50.40	38.54	74.00	35.46	PASS	V	PK
11	7290.286	-3.96	47.66	43.70	74.00	30.30	PASS	V	PK
12	11259.5506	6.81	44.37	51.18	74.00	22.82	PASS	V	PK

Remark:

- 1) 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
- 2) 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.

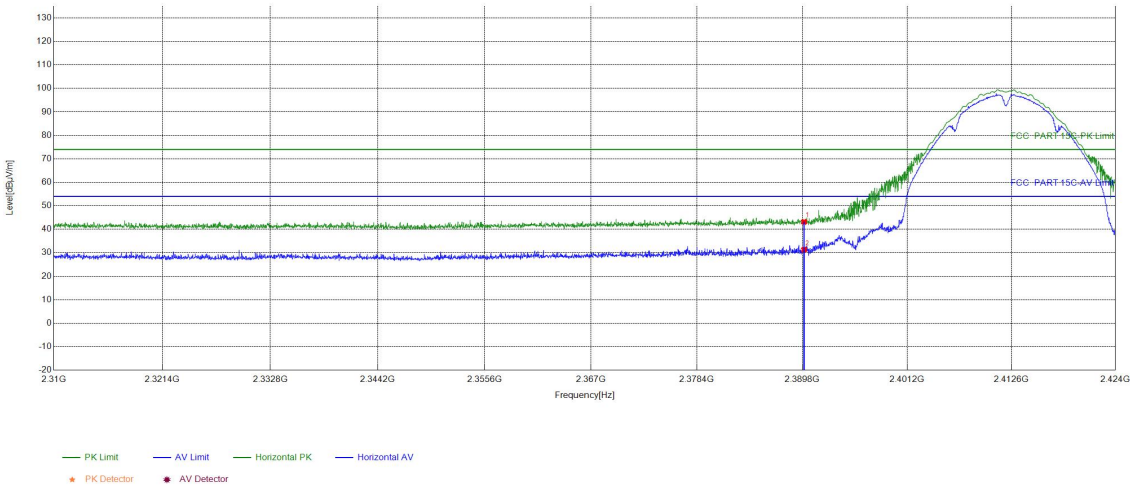
Restricted bands:

Test plot as follows:

ANT 1:

EUT_Name		Test_Model	
Test_Mode	802.11 b Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

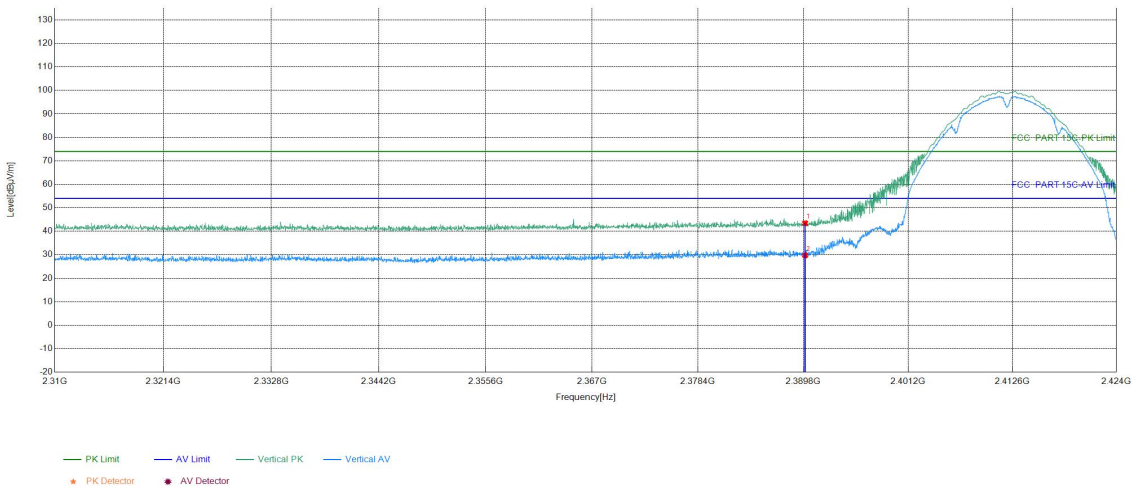
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	6.12	37.03	43.15	74.00	30.85	PASS	Horizontal	PK
2	2390	6.12	25.19	31.31	54.00	22.69	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 b Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

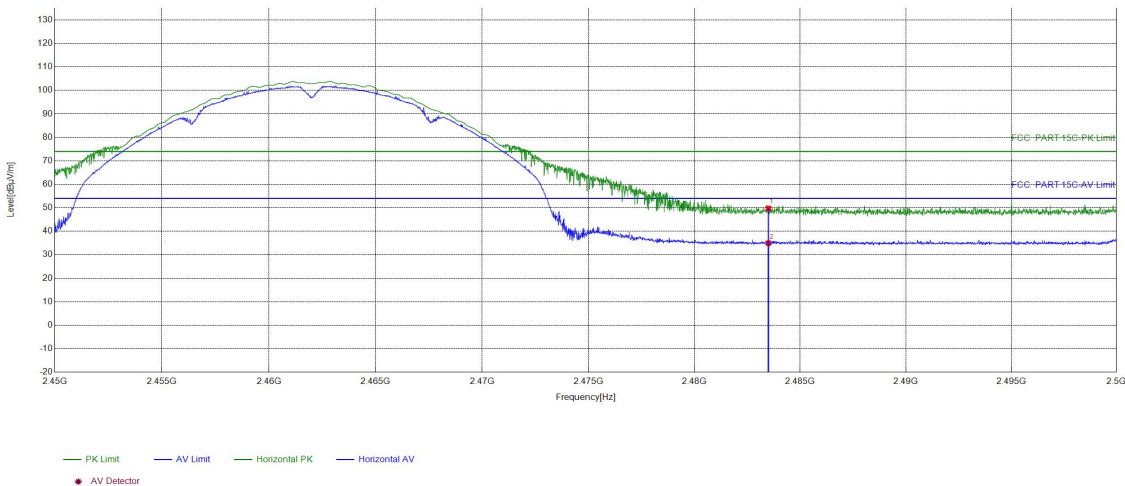
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	6.12	37.31	43.43	74.00	30.57	PASS	Vertical	PK
2	2390	6.12	23.63	29.75	54.00	24.25	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 b Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

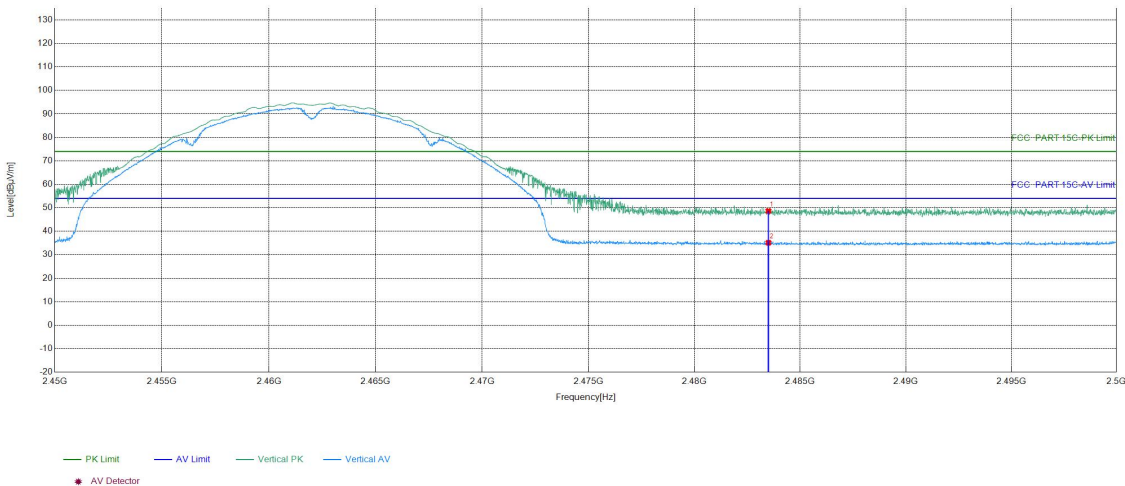
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	38.45	49.77	74.00	24.23	PASS	Horizontal	PK
2	2483.5	11.32	23.63	34.95	54.00	19.05	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 b Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

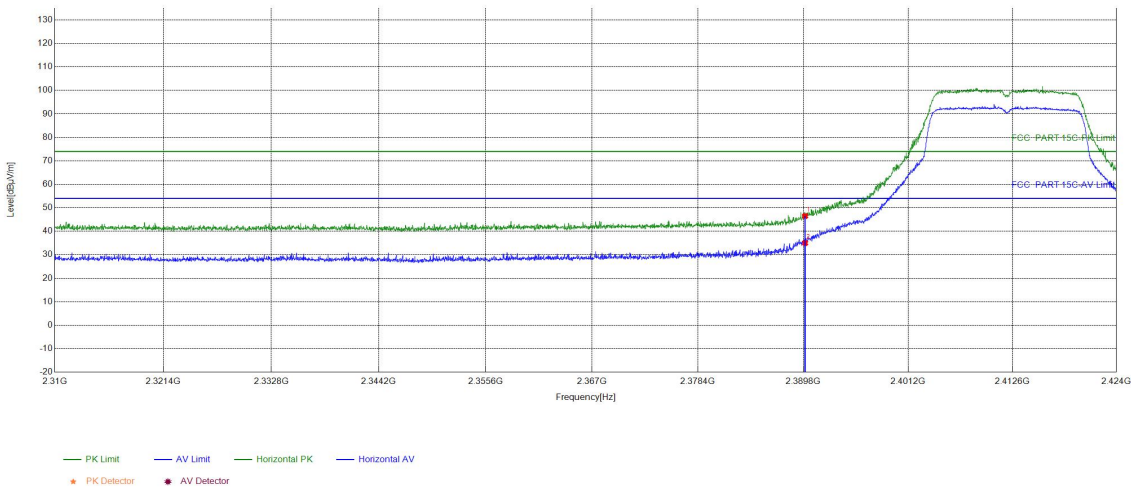
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	37.32	48.64	74.00	25.36	PASS	Vertical	PK
2	2483.5	11.32	23.80	35.12	54.00	18.88	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 g Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

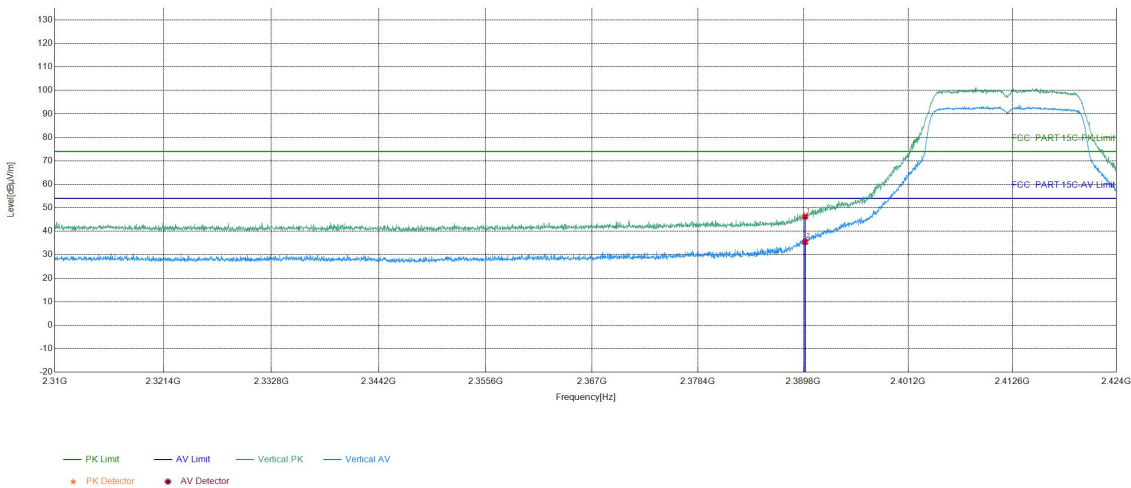
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	6.12	40.37	46.49	74.00	27.51	PASS	Horizontal	PK
2	2390	6.12	28.86	34.98	54.00	19.02	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 g Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

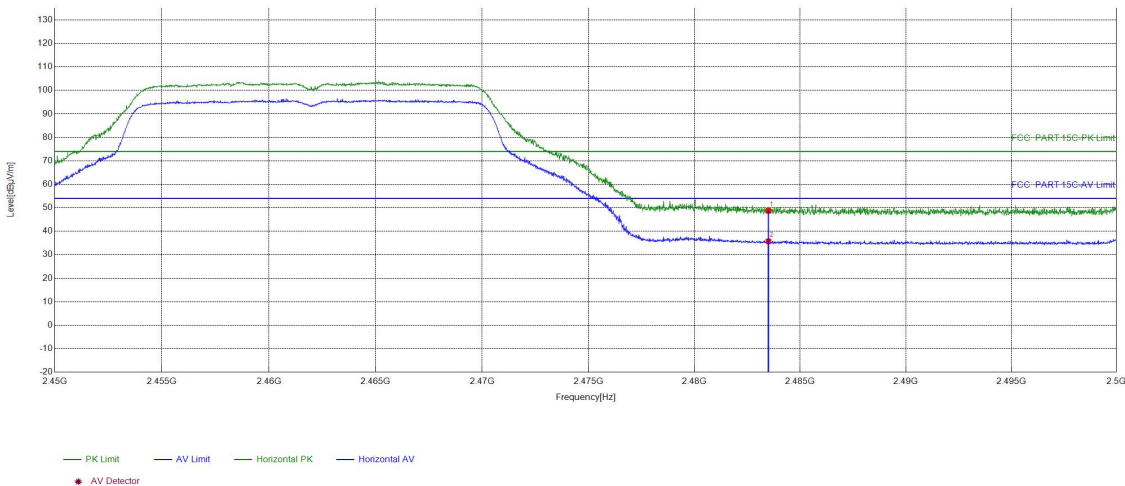
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	6.12	40.08	46.20	74.00	27.80	PASS	Vertical	PK
2	2390	6.12	29.28	35.40	54.00	18.60	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 g Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

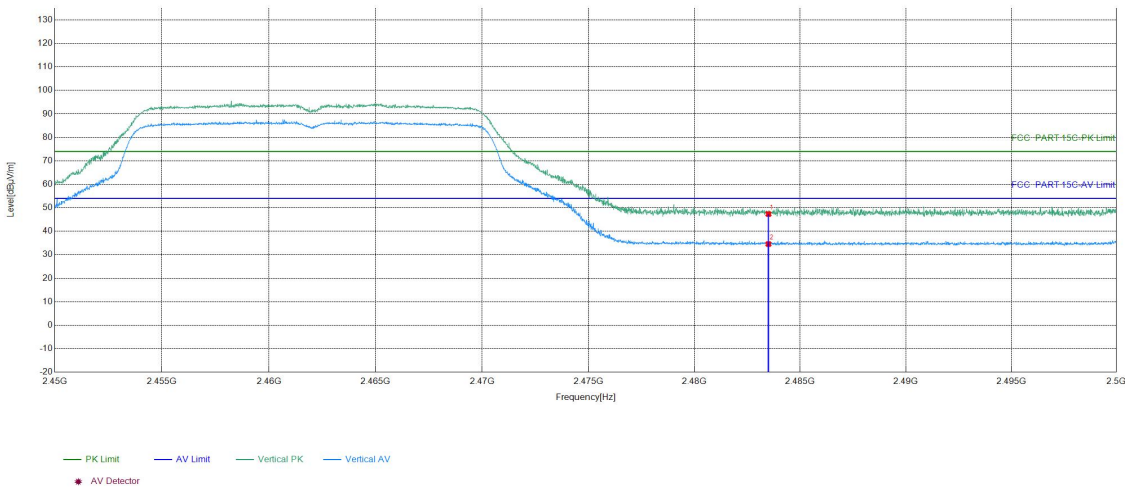
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	37.36	48.68	74.00	25.32	PASS	Horizontal	PK
2	2483.5	11.32	24.41	35.73	54.00	18.27	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 g Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

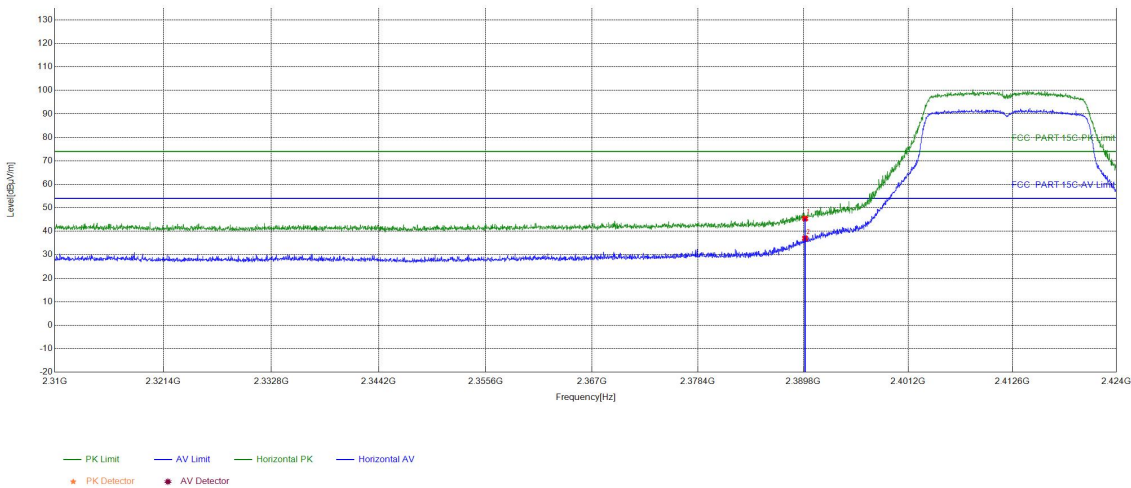
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	36.02	47.34	74.00	26.66	PASS	Vertical	PK
2	2483.5	11.32	23.24	34.56	54.00	19.44	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

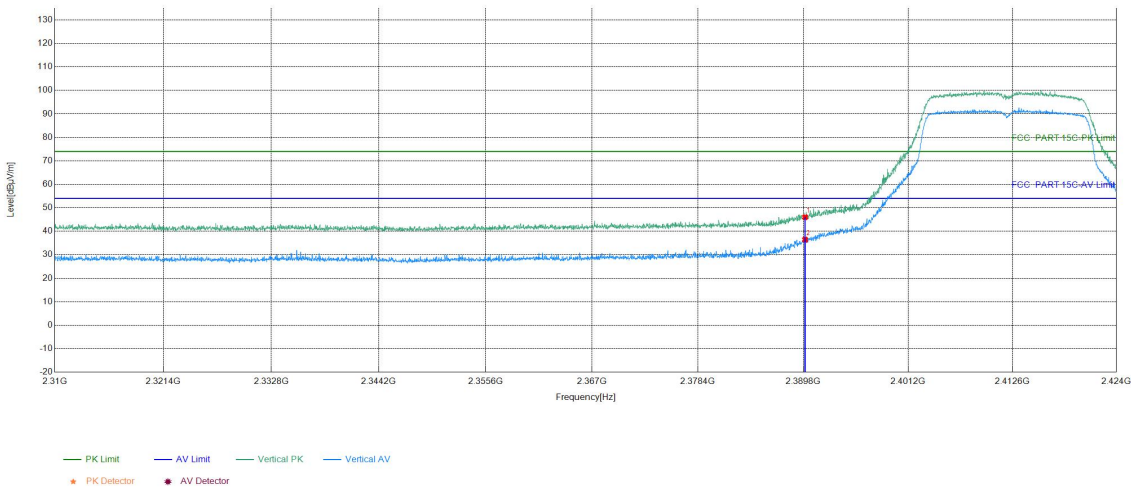
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	6.12	39.29	45.41	74.00	28.59	PASS	Horizontal	PK
2	2390	6.12	30.90	37.02	54.00	16.98	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

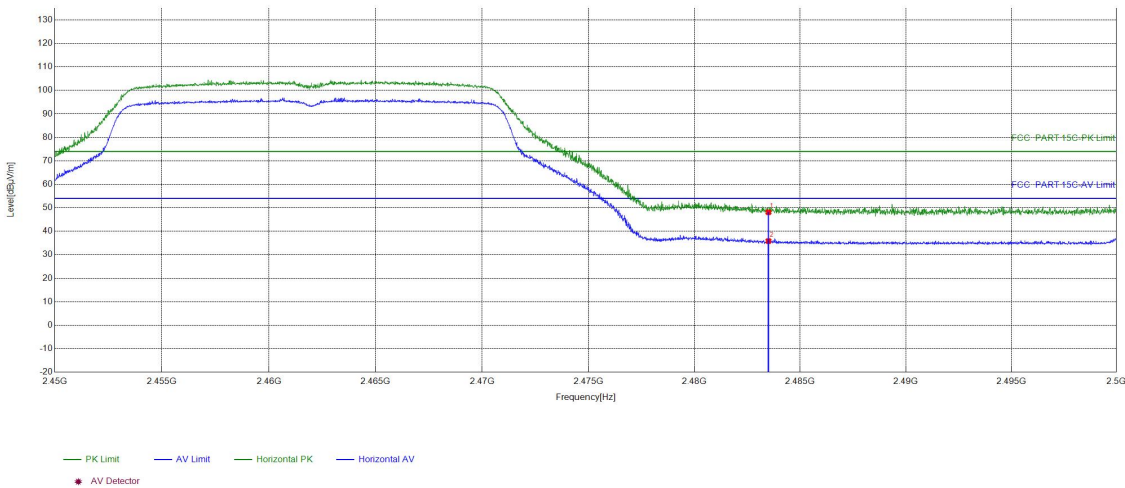
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	6.12	39.88	46.00	74.00	28.00	PASS	Vertical	PK
2	2390	6.12	30.33	36.45	54.00	17.55	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

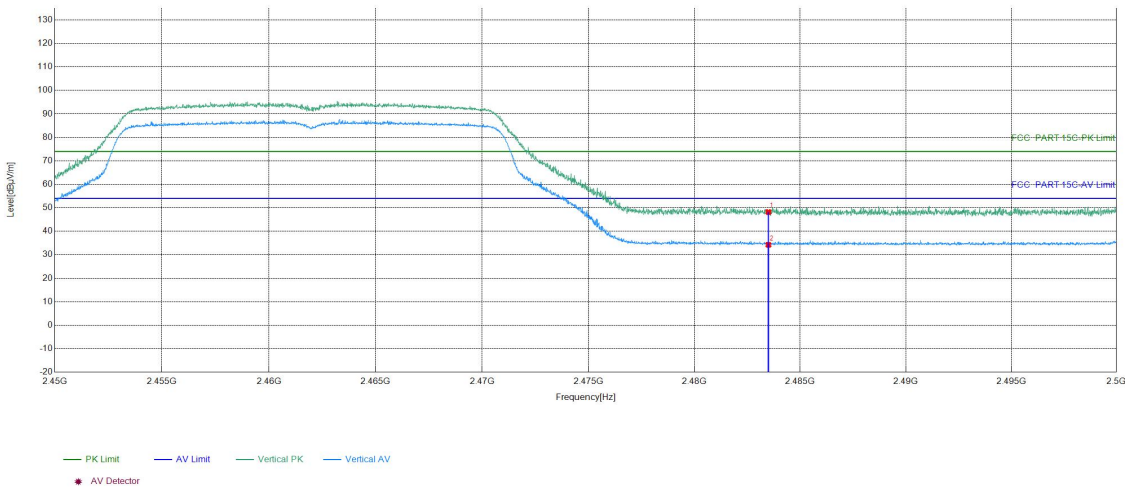
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	36.79	48.11	74.00	25.89	PASS	Horizontal	PK
2	2483.5	11.32	24.50	35.82	54.00	18.18	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

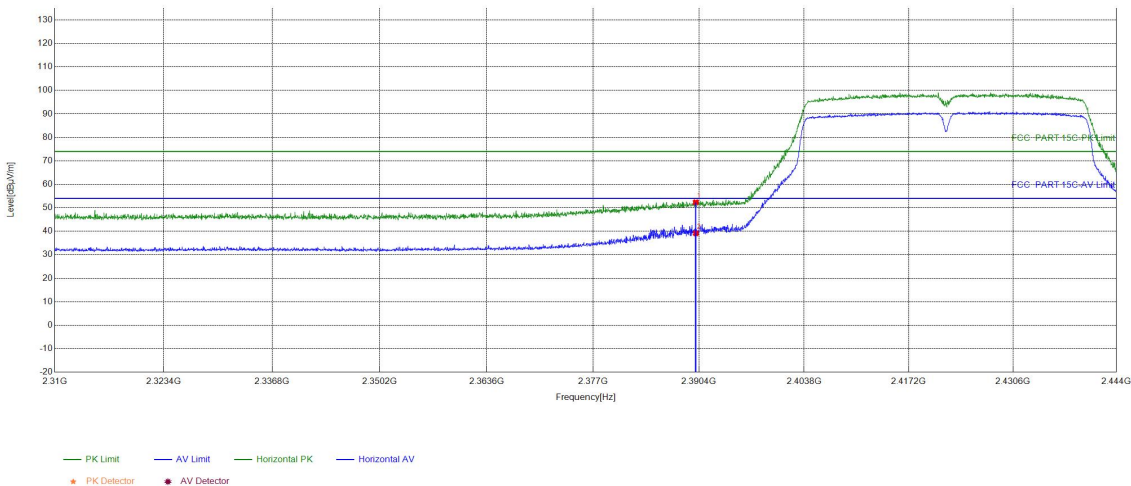
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	36.88	48.20	74.00	25.80	PASS	Vertical	PK
2	2483.5	11.32	22.90	34.22	54.00	19.78	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2422MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

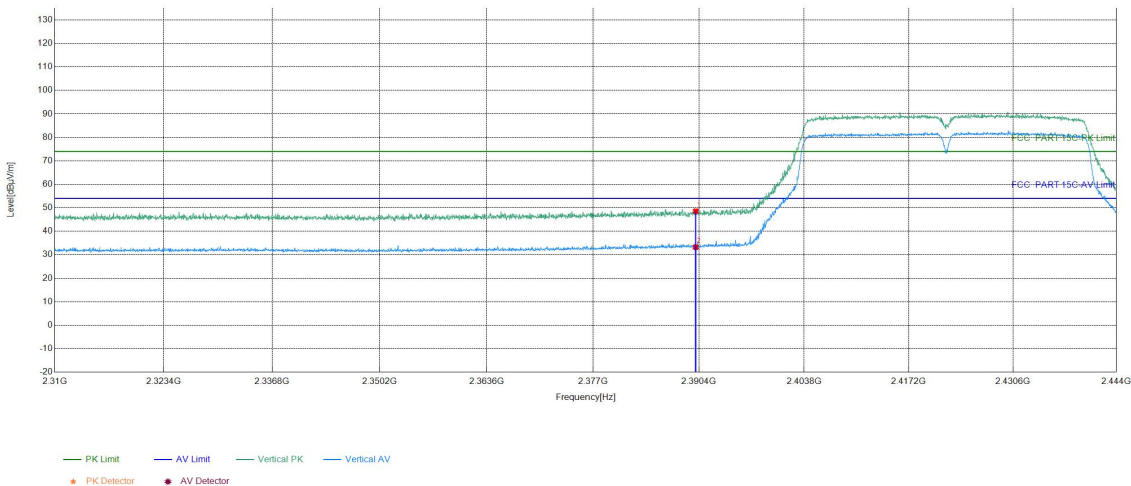
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	11.29	41.06	52.35	74.00	21.65	PASS	Horizontal	PK
2	2390	11.29	27.84	39.13	54.00	14.87	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2422MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

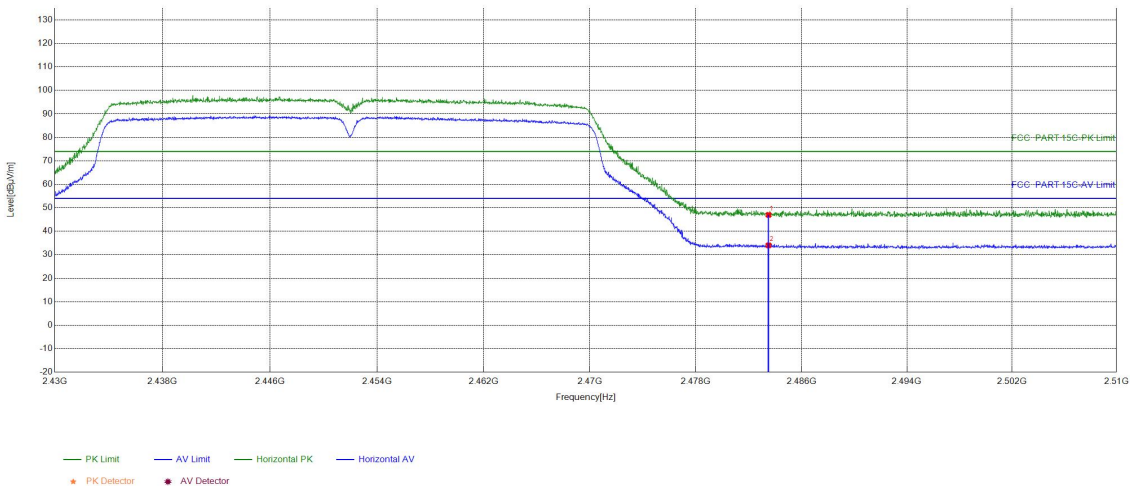
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	11.29	37.24	48.53	74.00	25.47	PASS	Vertical	PK
2	2390	11.29	21.94	33.23	54.00	20.77	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2452MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

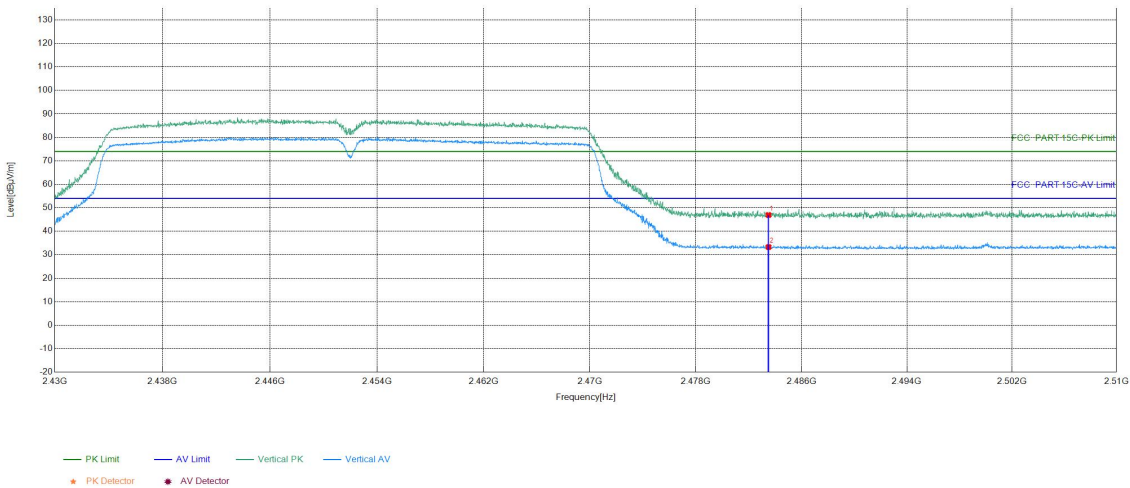
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.45	35.52	46.97	74.00	27.03	PASS	Horizontal	PK
2	2483.5	11.45	22.55	34.00	54.00	20.00	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2452MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

Test Graph

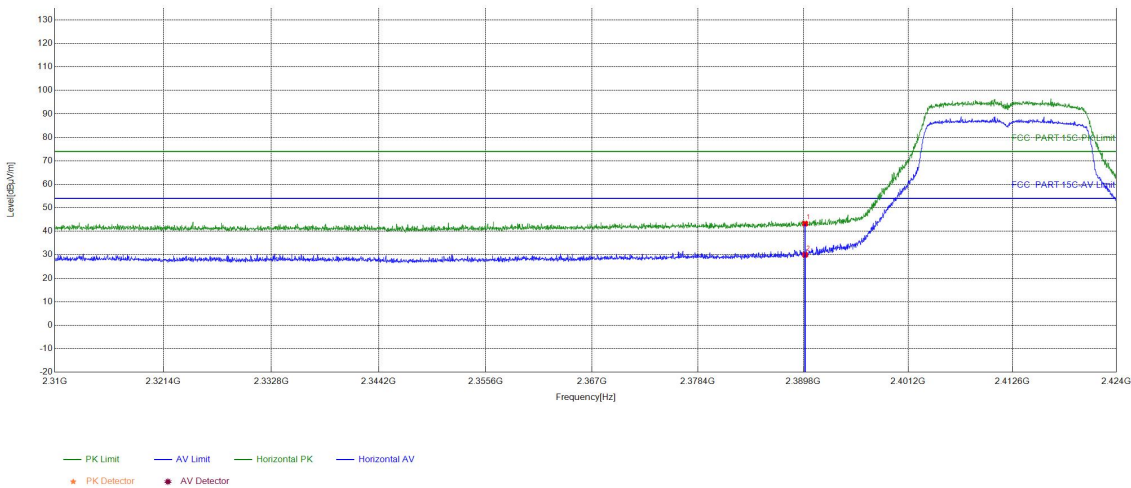


Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.45	35.46	46.91	74.00	27.09	PASS	Vertical	PK
2	2483.5	11.45	21.83	33.28	54.00	20.72	PASS	Vertical	AV

MIMO:

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

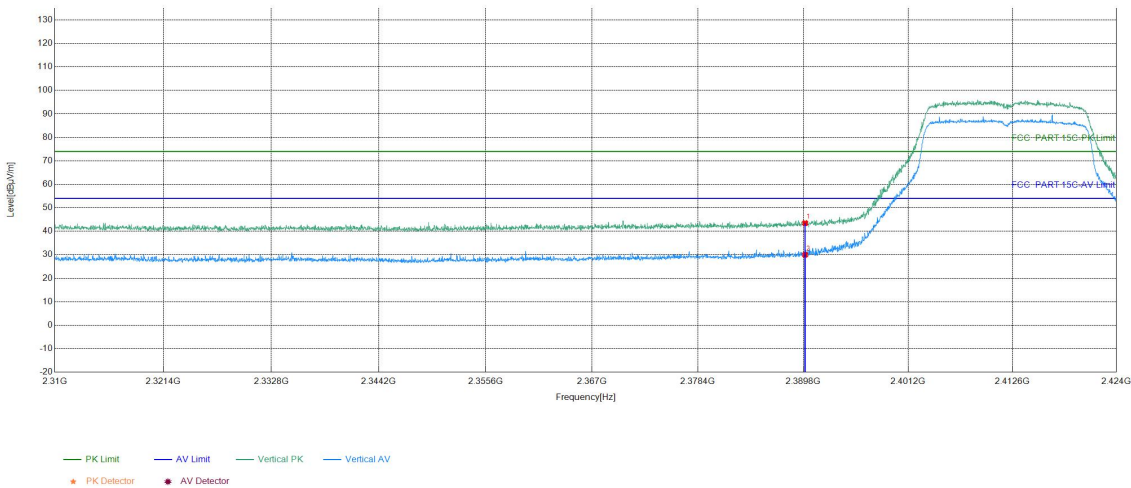
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	6.12	37.15	43.27	74.00	30.73	PASS	Horizontal	PK
2	2390	6.12	23.88	30.00	54.00	24.00	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2412MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

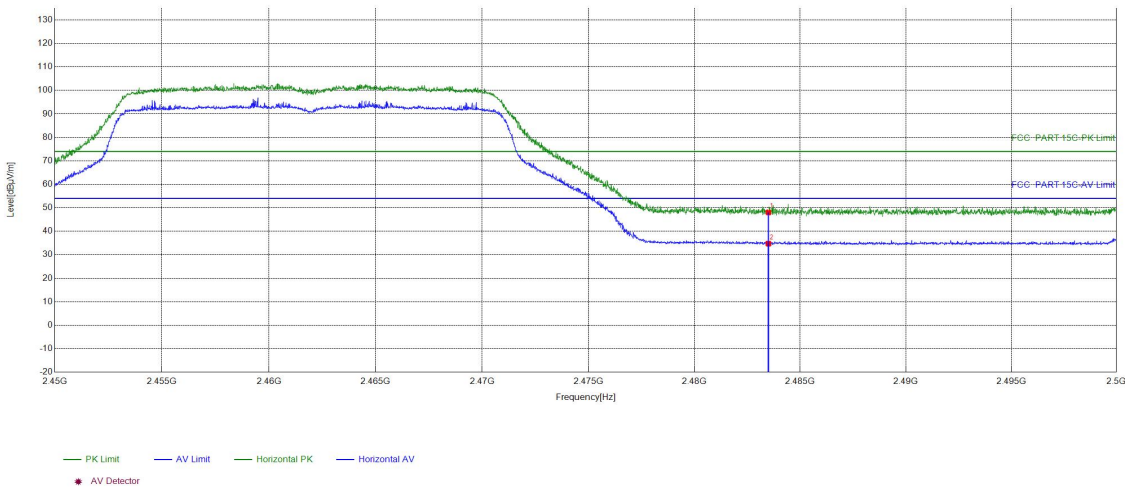
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	6.12	37.35	43.47	74.00	30.53	PASS	Vertical	PK
2	2390	6.12	23.88	30.00	54.00	24.00	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

Test Graph

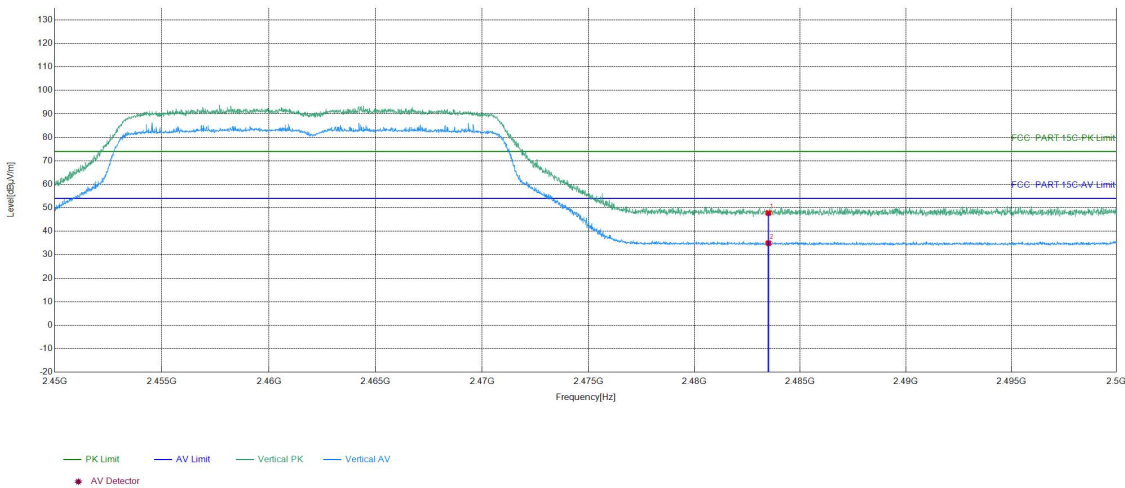


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	36.72	48.04	74.00	25.96	PASS	Horizontal	PK
2	2483.5	11.32	23.40	34.72	54.00	19.28	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	2462MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

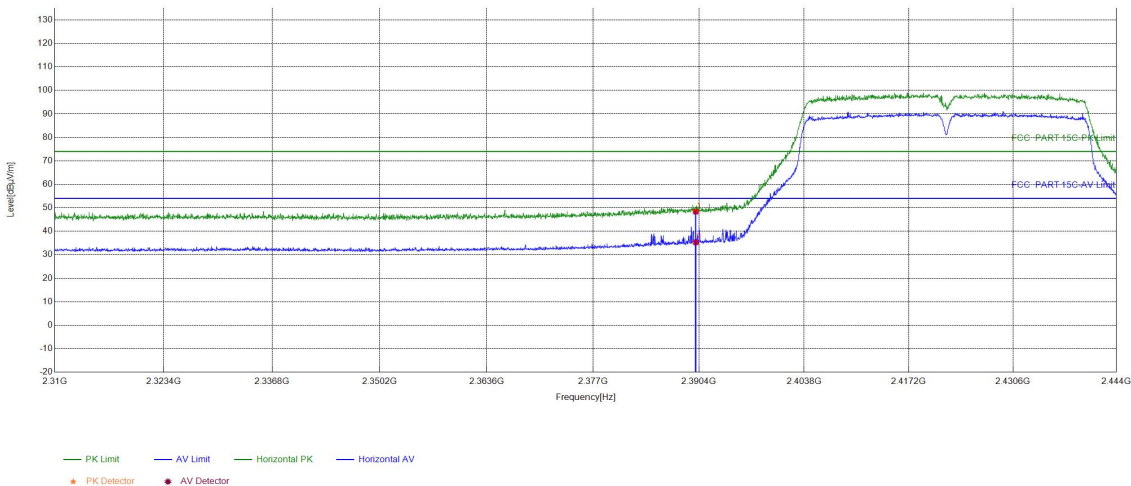
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	36.47	47.79	74.00	26.21	PASS	Vertical	PK
2	2483.5	11.32	23.61	34.93	54.00	19.07	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2422MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

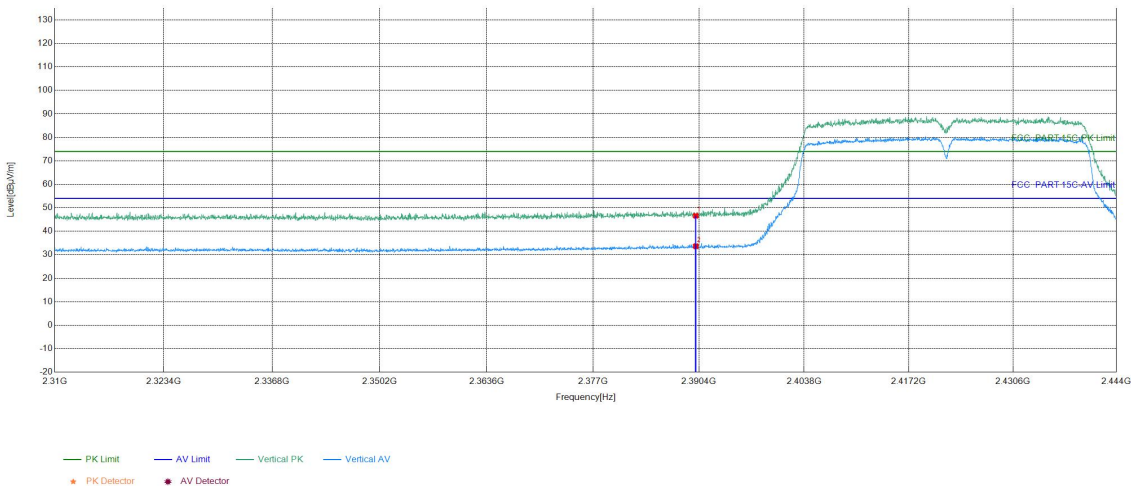
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	11.29	37.06	48.35	74.00	25.65	PASS	Horizontal	PK
2	2390	11.29	23.97	35.26	54.00	18.74	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2422MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

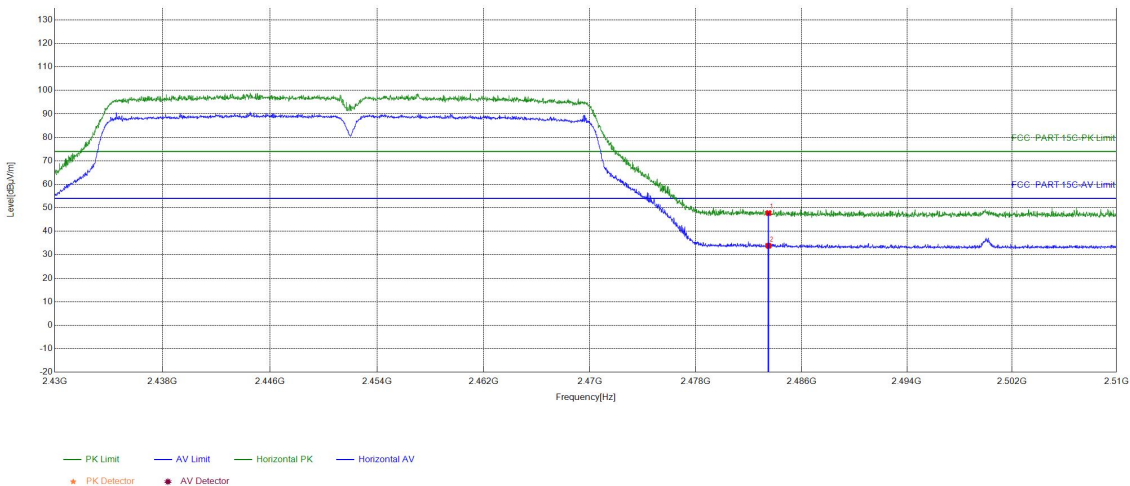
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	11.29	35.32	46.61	74.00	27.39	PASS	Vertical	PK
2	2390	11.29	22.33	33.62	54.00	20.38	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2452MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

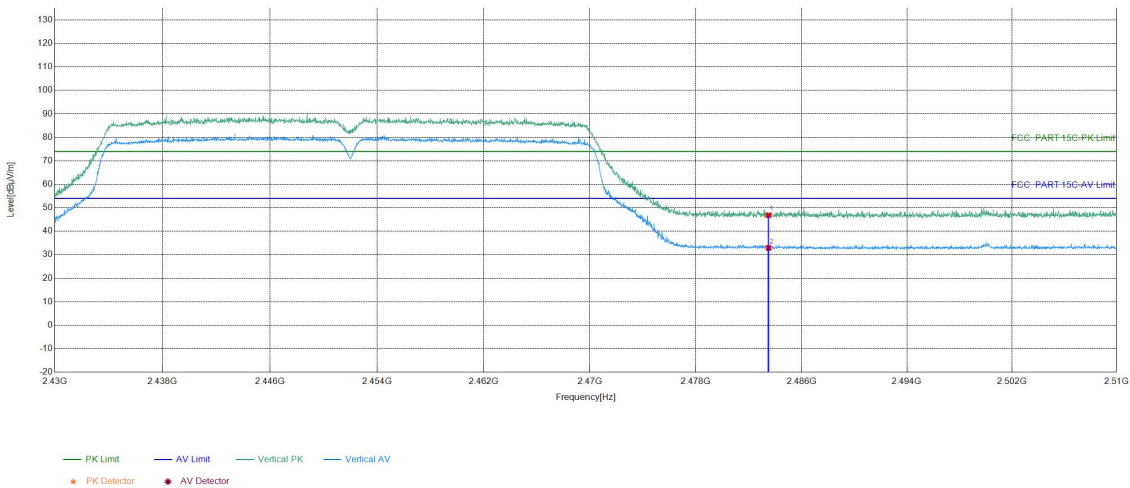
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.45	36.31	47.76	74.00	26.24	PASS	Horizontal	PK
2	2483.5	11.45	22.35	33.80	54.00	20.20	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	2452MHz
Tset_Engineer	chenjun	Test_Date	2024\10\28
Remark	\		

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	11.45	35.38	46.83	74.00	27.17	PASS	Vertical	PK
2	2483.5	11.45	21.46	32.91	54.00	21.09	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 EED32Q81626901