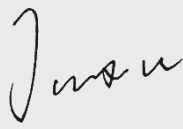
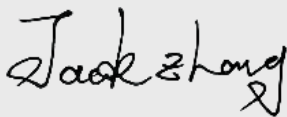


Test report No:
24B0230R-RF-US-P09V01

FCC TEST REPORT

Product Name	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Model and /or type reference	WLE7000E5 WLTE7000E5 WLTB7000E5
Trademark	COMPEX
FCC ID	TK4WL7000E5
IC	7849A-WL7000E5
Applicant's name / address	Compex Systems Pte Ltd No 178 Paya Lebar Road #05-05 Singapore 409030
Test method requested, standard	47 CFR FCC Part 15 (Section 15.407) ANSI C63.10: 2013 RSS-Gen Issue 5 RSS-247 Issue 3
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Jun Xu/ Project Engineer 
Approved by (name / position & signature)	Jack Zhang/ Manager 
Date of issue	2025-01-21
Report Version	V1.0
Report template No	Template_FCC-RF-V1.0

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COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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GENERAL CONDITIONS

Test Location A	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Test Location B	No. 8213, Fanhua Avenue, Baohe District, Hefei City, Anhui Province, China
Date(receive sample)	Nov. 07, 2024
Date (start test)	Nov. 09, 2024
Date (finish test)	Dec. 09, 2024

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C - 35 °C
Relative Humidity air	30% - 60%

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT	: Equipment Under Test
QP	: Quasi-Peak
CAV	: CISPR Average
AV	: Average
CDN	: Coupling Decoupling Network
SAC	: Semi-Anechoic Chamber
OATS	: Open Area Test Site
BW	: Bandwidth
AM	: Amplitude Modulation
PM	: Pulse Modulation
HCP	: Horizontal Coupling Plane
VCP	: Vertical Coupling Plane
U_N	: Nominal voltage
Tx	: Transmitter
Rx	: Receiver
N/A	: Not Applicable
N/M	: Not Measured

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
24B0230R-RF-US-P09V01	V1.0	Initial issue of report.	2025-01-21

REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with 47 CFR FCC Part 15 (Section 15.407), RSS-247 Issue 3.
3. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
4. The test results presented in this report relate only to the object tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
 - Chapter 1.1 General Description of the Item(s);
 - Chapter 1.2 Antenna Informaion;
 - Chapter 1.3 Channel List;
 - Chapter 1.4 Data Rate;

USED EQUIPMENT

Test Location A: Conducted Test/ TR8

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Wireless Connectivity Tester	R&S	CMW 270	102593	2024.05.15	2025.05.14	V 4.0.60	N/A
Coaxial Cable	N/A	N/A	2477	2024.06.11	2025.06.10	N/A	N/A
Coaxial Cable	N/A	N/A	2478	2024.06.11	2025.06.10	N/A	N/A
High and low temperature and fast temperature change test box	ASTUOD	ASTD-FBT-225K	N/A	2024.04.21	2025.04.20	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	RF07	2024.07.04	2025.07.03	N/A	N/A
Test system							
Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
MAX Signal Analyzer	Keysight	N9010A	MY48030494	2024.10.26	2025.10.25	A.14.03	N/A
RF Control Unit	Tonscend	JS0806-2	22G8060594	2024.02.06	2025.02.05	N/A	N/A
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY61252529	2024.05.12	2025.05.11	B.01.96	N/A
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59362500	2024.05.12	2025.05.11	N/A	N/A
EXG-B MW Analog Signal Generator	Keysight	N5173B	MY61252566	2024.07.06	2025.07.05	B.01.95	N/A
Test Software	Tonscend	TS1120	JS1120-3	N/A	N/A	N/A	V3.0.22

Test Location A : Radiated Emission(9KHz-1GHz) / AC2

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Versiom	Software version
EMI Test Receiver	R&S	ESCI	100176	2024.05.12	2025.05.11	4.42 SP3	N/A
Loop Antenna	R&S	HFH2-Z2E	101149	2024.03.27	2025.03.26	N/A	N/A
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2024.03.20	2025.03.19	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	AC2-TH	2024.07.04	2025.07.03	N/A	N/A
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2024.02.29	2025.02.28	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	3

Test Location A: Radiated Emission (1GHz-40GHz) / AC5

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Versiom	Software version
EXA Spectrum Analyzer	Keysight	N9020B	MY60112218	2024.11.02	2025.11.01	A.31.05	N/A
Pre-Amplifier	SKET	LNPA_0118G-45	SK2021090101	2024.04.27	2025.04.26	N/A	N/A
Preamplifier	CHENGYI	EMC184045SE	980263	2024.07.06	2025.07.05	N/A	N/A
DRG Horn	ETS-Lindgren	3117	00167055	2024.08.29	2025.08.28	N/A	N/A
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2024.05.30	2025.05.29	N/A	N/A
Filter Switch Box	MVE	MSW-F196	C070001S	2024.04.20	2025.04.19	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	AC5-TH	2024.07.04	2025.07.03	N/A	N/A
Coaxial Cable	ROSENBERGER	LA1-C011-2000/3000	AC5-40G	2024.01.25	2025.01.24	N/A	N/A
Coaxial Cable	ROSENBERGER	LA1-C011-2000/3000	AC5-40G-2	2024.05.26	2025.05.25	N/A	N/A
Cable	Rosenberger	LA1-C011-1000	0523	2024.05.26	2025.05.25	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	3

Test Location B: Radiated Emission Band Edge / AC103

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Signal analyzer	keysight	N9020B	MY63490118	2024.07.26	2025.07.25	A 08.54	N/A
Bilog Antenna	TESEQ	CBL6112D	64164	2024.10.29	2025.10.28	N/A	N/A
Horn Antenna	RF SPIN	DRH18-E	KV2D11A18ES	2024.11.02	2025.11.01	N/A	N/A
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	01312	2024.11.02	2025.11.01	N/A	N/A
Amplifier	ESE	LNA0118	LNA23100009	2024.10.27	2025.10.26	N/A	N/A
Amplifier	Tonscend	TAP01018048S	AP23J8060307	2024.11.02	2025.11.01	N/A	N/A
EXG-B MW Analog Signal Generator	Keysight	N5173B	MY61252566	2024.11.02	2025.11.01	N/A	N/A
Band Reject Filter Group	Tonscend	JS0806-F	23G806F0701	2023.11.20	2024.11.19	N/A	N/A
Band Reject Filter Group	Tonscend	JS0806-F	23G806F0701	2024.11.12	2025.11.11	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	026	2024.09.04	2025.09.03	N/A	N/A
Test Software	Tonscend	JS36	N/A	N/A	N/A	N/A	5.0.0

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Test item Test Location A	Uncertainty
AC Power Line Conducted Emission	± 2.92 dB
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~200MHz: 4.60 dB 200MHz~1GHz: 4.10 dB Vertical: 30MHz~200MHz: 4.80 dB 200MHz~1GHz: 4.10 dB
Radiated Emission(1GHz~40GHz)	Horizontal: 1GHz~18GHz: 5.00 dB Vertical: 1GHz~18GHz: 4.80 dB Horizontal: 18GHz~40GHz: 5.30 dB Vertical: 18GHz~40GHz: 5.10 dB
RF Antenna Port Conducted Emission	± 1.13 dB
Radiated Emission Band Edge	± 5.00 dB
Occupied Bandwidth	± 0.27 kHz
Power Spectral Density	± 1.13 dB
Frequency Stability	± 0.10 kHz

Test item Test Location B	Uncertainty
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~200MHz: 4.86 dB 300MHz~1GHz: 4.86 dB Vertical: 30MHz~200MHz: 4.92 dB 300MHz~1GHz: 4.92 dB
Radiated Emission(1GHz~40GHz)	Horizontal: 1GHz~18GHz: 5.99 dB Vertical: 1GHz~18GHz: 5.76 dB Horizontal: 18GHz~40GHz: 5.99 dB Vertical: 18GHz~40GHz: 5.76 dB
Radiated Emission Band Edge	± 5.99 dB

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Model No.	WLE7000E5 WLTE7000E5 WLTB7000E5
Trademark.	COMPEX
FCC ID.....	TK4WL7000E5
IC	7849A-WL7000E5
Hardware Version.....	V1.0
Software Version	V1.0
Manufacturer	Compex Systems Pte Ltd
Manufacturer Address	No 178 Paya Lebar Road #05-05 Singapore 409030
Model difference	Model WLE7000E5, WLTE7000E5 and WLTB7000E5 are identical except for different interfaces.
Note: We performed all tests on model WLE7000E5 and verified that the RF output power and RSE test results of models WLTE7000E5 and WLTB7000E5 in the worst mode did not deteriorate, so only the test data of WLE7000E5 is shown in the report.	

Wireless specification.....:	WIFI For FCC							
Transmit modes.....:	☒	802.11a	☒	802.11n(20MHz)	☒	802.11n(40MHz)		
	☒	802.11ac(20MHz)	☒	802.11ac(40MHz)	☒	802.11ac(80MHz)		
	☒	802.11ac(160MHz)	☒	802.11ax(20MHz)	☒	802.11ax(40MHz)		
	☒	802.11ax(80MHz)	☒	802.11ax(160MHz)	☒	802.11be(20MHz)		
	☒	802.11be(40MHz)	☒	802.11be(80MHz)	☒	802.11be(160MHz)		
Frequency Range	☒	802.11a/n/ac/ax/be(20MHz):5180MHz~5240Mz 802.11n/ac/ax/be(40MHz):5190MHz~5230Mz 802.11ac/ax/be(80MHz):5210Mz						
		☒	Indoor access point					
		☒	Client devices					
		☐	Outdoor access point					
		☐	Fxed point-to-point access points					
	☒	802.11a/n/ac/ax/be(20MHz):5260MHz~5320Mz 802.11n/ac/ax/be(40MHz):5270MHz~5310Mz 802.11ac/ax/be(80MHz):5290Mz 802.11ac/ax/be(160MHz):5250Mz						
		☒	802.11a/n/ac/ax/be(20MHz):5500MHz~5700MHz 802.11n/ac/ax/be(40MHz):5510MHz~5670Mz 802.11ac/ax/be(80MHz):5530~5610Mz 802.11ac/ax/be(160MHz):5570Mz					
			☒	802.11a/n/ac/ax/be(20MHz):5745MHz~5825MHz 802.11n/ac/ax/be(40MHz):5755MHz~5805Mz 802.11ac/ax/be(80MHz):5775Mz				
	Type of Modulation & Data Rate	Refer to Clause 1.4						

Number of channels	802.11a/n/ac/ax/be(20MHz): 24 802.11n/ac/ax/be(40MHz): 11 802.11ac/ax/be(80MHz): 5 802.11ac/ax/be(160MHz): 2
--------------------------	---

Wireless specification	WIFI for ISED						
Transmit modes.....	☒	802.11a	☒	802.11n(20MHz)	☒	802.11n(40MHz)	
	☒	802.11ac(20MHz)	☒	802.11ac(40MHz)	☒	802.11ac(80MHz)	
	☒	802.11ac(160MHz)	☒	802.11ax(20MHz)	☒	802.11ax(40MHz)	
	☒	802.11ax(80MHz)	☒	802.11ax(160MHz)	☒	802.11be(20MHz)	
	☒	802.11be(40MHz)	☒	802.11be(80MHz)	☒	802.11be(160MHz)	
Frequency Range	☒	802.11a/n/ac/ax/be(20MHz):5180MHz~5240Mz 802.11n/ac/ax/be(40MHz):5190MHz~5230Mz 802.11ac/ax/be(80MHz):5210Mz					
		☒	Other devices				
		☐	OEM devices installed in vehicles				
	☒	802.11a/n/ac/ax/be(20MHz):5260MHz~5320Mz 802.11n/ac/ax/be(40MHz):5270MHz~5310Mz 802.11ac/ax/be(80MHz):5290Mz 802.11ac/ax/be(160MHz):5250Mz					
	☒	802.11a/n/ac/ax/be(20MHz):5500MHz~5580MHz, 5660MHz~5700MHz 802.11n/ac/ax/be(40MHz):5510MHz~5550MHz, 5670Mz 802.11ac/ax/be(80MHz):5530, 5610Mz 802.11ac/ax/be(160MHz):5570Mz					
	☒	802.11a/n/ac/ax/be(20MHz):5745MHz~5825MHz 802.11n/ac/ax/be(40MHz):5755MHz~5805Mz 802.11ac/ax/be(80MHz):5775Mz					
Type of Modulation & Data Rate :	Refer to Clause 1.4						
Number of channels	802.11a/n/ac/ax/be(20MHz): 21 802.11n/ac/ax/be(40MHz): 11 802.11ac/ax/be(80MHz): 4 802.11ac/ax/be(160MHz): 2						

Rated power supply	Voltage and Frequency	
	☐	AC: 220 - 240 V, 50/60 Hz
	☐	AC: 100 - 240 V, 50/60 Hz
	☒	DC: 3.3 V
	☐	Poe:
	☐	Adapter:
Mounting position	☐	Tabletop equipment
	☐	Wall/Ceiling mounted equipment
	☐	Floor standing equipment
	☐	Hand-held/Portable equipment
	☒	Other: RF Module

1.2 Antenna Information

Antenna Set1:

Antenna model / type number	ANT256Q6A-NM			
Antenna Delivery	☒	1TX + 1RX		
	☒	4TX + 4RX		
	☐	Others:		
Antenna technology.....	☒	SISO		
	☒	MIMO	☒	CDD
			☒	Beam-forming
Antenna Type	☒	External	☒	Dipole
			☐	Sectorized
	☐	Internal	☐	Ceramic Chip
			☐	PIFA
			☐	Others.....
Antenna Gain.....	SISO:	6.0 dBi		
	CDD For Power:	6.0 dBi	CDD For PSD:	12.02 dBi
	Beam-forming For Power:	12.02 dBi	Beam-forming For PSD:	18.04 dBi

Antenna Set2:

Antenna model / type number	RFDPA161504IMLB902 RFDPA161517IMLB902			
Antenna Delivery	☒	1TX + 1RX		
	☒	4TX + 4RX		
	☐	Others:		
Antenna technology.....	☒	SISO		
	☒	MIMO	☒	CDD
			☒	Beam-forming
Antenna Type	☒	External	☒	Dipole
			☐	Sectorized
	☐	Internal	☐	Ceramic Chip
			☐	PIFA
			☐	Others.....
Antenna Gain.....	SISO:	3.98 dBi		
	CDD For Power:	3.98 dBi	CDD For PSD:	10.00 dBi
	Beam-forming For Power:	10.00 dBi	Beam-forming For PSD:	16.02 dBi
Antenna difference	The antenna bodies are the same, the only difference is the Cable length.			

Antenna Set3:

Antenna model / type number	CKP-32505-006200-100-RS			
Antenna Delivery	☒	1TX + 1RX		
	☒	4TX + 4RX		
	☐	Others:		
Antenna technology.....	☒	SISO		
	☒	MIMO	☒	CDD
			☒	Beam-forming
Antenna Type	☒	External	☒	Dipole
			☐	Sectorized
	☐	Internal	☐	Ceramic Chip
			☐	PIFA
			☐	Others.....
Antenna Gain.....	SISO:		4.29 dBi	
	CDD For Power:		4.29 dBi	CDD For PSD: 10.31 dBi
	Beam-forming For Power:		10.31 dBi	Beam-forming For PSD: 16.33 dBi

Antenna Set4:

Antenna model / type number	ARY121-0277-005-00 ARY121-0277-006-00			
Antenna Delivery	☒	1TX + 1RX		
	☒	4TX + 4RX		
	☐	Others:		
Antenna technology.....	☒	SISO		
	☒	MIMO	☒	CDD
			☒	Beam-forming
Antenna Type	☒	External	☒	Dipole
			☐	Sectorized
	☐	Internal	☐	Ceramic Chip
			☐	PIFA
			☐	Others.....
Antenna Gain.....	SISO:		3.68 dBi	
	CDD For Power:		3.68 dBi	CDD For PSD: 9.70 dBi
	Beam-forming For Power:		9.70 dBi	Beam-forming For PSD: 15.72 dBi
Antenna difference	The antenna bodies are the same, the only difference is the Cable length.			

Antenna Set5:

Antenna model / type number	ARY121-0277-007-00 ARY121-0277-008-00				
Antenna Delivery	☒	1TX + 1RX			
	☒	4TX + 4RX			
	☐	Others:			
Antenna technology.....	☒	SISO			
	☒	MIMO	☒	CDD	
			☒	Beam-forming	
Antenna Type	☒	External	☒	Dipole	
			☐	Sectorized	
	☐	Internal	☐	Ceramic Chip	
			☐	PIFA	
			☐	Others.....	
Antenna Gain.....	SISO:		3.51 dBi		
	CDD For Power:		3.51 dBi	CDD For PSD:	9.53 dBi
	Beam-forming For Power:		9.53 dBi	Beam-forming For PSD:	15.55 dBi
Antenna difference	The antenna bodies are the same, the only difference is the Cable length.				

Antenna Set6:

Antenna model / type number	RFDPA161527IM5B901 RFDPA161530IM5B901 RFDPA161507IM5B901 RFDPA161518IM5B901				
Antenna Delivery	☒	1TX + 1RX			
	☒	4TX + 4RX			
	☐	Others:			
Antenna technology.....	☒	SISO			
	☒	MIMO	☒	CDD	
			☒	Beam-forming	
Antenna Type	☒	External	☒	Dipole	
			☐	Sectorized	
	☐	Internal	☐	Ceramic Chip	
			☐	PIFA	
			☐	Others.....	
Antenna Gain.....	SISO:		3.49 dBi		
	CDD For Power:		3.49 dBi	CDD For PSD:	9.51 dBi
	Beam-forming For Power:		9.51 dBi	Beam-forming For PSD:	15.53dBi
Antenna difference	The antenna bodies are the same, the only difference is the Cable length.				

Note: We evaluated all tests on the ANT256Q6A-NM Antenna with higher antenna gain. For other antennas, we evaluated the RSE of the worst channel. The test results did not deteriorate, so only the test data of the ANT256Q6A-NM Antenna is shown in the report.

1.3 Channel List

For FCC:

802.11a/n/ac/ax/be(20MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz	48	5240 MHz
52	5260 MHz	56	5280 MHz	60	5300 MHz	64	5320 MHz
100	5500 MHz	104	5520 MHz	108	5540 MHz	112	5550 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz	128	5640 MHz
132	5660 MHz	136	5680 MHz	140	5700 MHz	N/A	N/A
149	5745 MHz	153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz	N/A	N/A	N/A	N/A	N/A	N/A
802.11n/ac/ax/be(40MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270 MHz	62	5310 MHz
102	5510 MHz	110	5550 MHz	118	5590 MHz	126	5630 MHz
134	5670 MHz	151	5755 MHz	159	5795 MHz	N/A	N/A
802.11ac/ax/be(80MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz	106	5530MHz	122	5610 MHz
138	5690 MHz	155	5775 MHz	N/A	N/A	N/A	N/A
802.11ac/ax/be(160MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
50	5250	114	5570	N/A	N/A	N/A	N/A

For ISCED:

IEEE 802.11a/n/ac/ax/be(20MHz) Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz	48	5240 MHz
52	5260 MHz	56	5280 MHz	60	5300 MHz	64	5320 MHz
100	5500 MHz	104	5520 MHz	108	5540 MHz	112	5560 MHz
116	5580 MHz	132	5660 MHz	136	5680 MHz	140	5700 MHz
149	5745 MHz	153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz	N/A	N/A	N/A	N/A	N/A	N/A
IEEE 802.11n/ac/ax/be(40MHz)Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270 MHz	62	5310 MHz
102	5510 MHz	110	5550 MHz	134	5670 MHz	151	5755 MHz
159	5795 MHz	N/A	N/A	N/A	N/A	N/A	N/A
IEEE 802.11ac/ax/be(80MHz)Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz	106	5530 MHz	155	5775 MHz
IEEE 802.11ac/ax/be(160MHz)Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
50	5250	114	5570	N/A	N/A	N/A	N/A

1.4 Data Rate

IEEE 802.11a

Modulation	R	Data Rate(Mb/s)
BPSK	1/2	6
BPSK	3/4	9
QPSK	1/2	12
QPSK	3/4	18
16-QAM	1/2	24
16-QAM	3/4	36
64-QAM	2/3	48
64-QAM	3/4	54

IEEE 802.11n/ac

Spatial streames	MCS Index	Modulation	R	Data Rate(Mb/s)							
				400ns GI				800ns GI			
				20MHz	40MHz	80MHz	160MHz	20MHz	40MHz	80MHz	160MHz
1	0	BPSK	1/2	7.2	15	32.5	65	6.5	13.5	29.3	58.5
1	1	QPSK	1/2	14.4	30	65	130	13	27	58.5	117
1	2	QPSK	3/4	21.7	45	97.5	195	19.5	40.5	87.8	175.5
1	3	16-QAM	1/2	28.9	60	130	260	26	54	117	234
1	4	16-QAM	3/4	43.3	90	195	390	39	81	175.5	351
1	5	64-QAM	2/3	57.8	120	260	520	52	108	234	468
1	6	64-QAM	3/4	65	135	292.5	585	58.5	121.5	263.3	526.5
1	7	64-QAM	5/6	72.2	150	325	650	65	135	292.5	585
1	8	256QAM	3/4	86.7	180	390	780	78	162	351	702
1	9	256QAM	5/6	N/A	200	433.3	866.7	N/A	180	390	780
2	0	BPSK	1/2	14.4	30	65	130	13	27	58.6	117
2	1	QPSK	1/2	28.8	60	130	260	26	54	117	234
2	2	QPSK	3/4	43.4	90	195	390	39	81	175.6	351
2	3	16-QAM	1/2	57.8	120	260	520	52	108	234	468
2	4	16-QAM	3/4	86.6	180	390	780	78	162	351	702
2	5	64-QAM	2/3	115.6	240	520	1040	104	216	468	936
2	6	64-QAM	3/4	130	270	585	1170	117	243	526.6	1053
2	7	64-QAM	5/6	144.4	300	650	1300	130	270	585	1170
2	8	256QAM	3/4	173.4	360	780	1560	156	324	702	1404
2	9	256QAM	5/6	N/A	400	866.6	1733.4	N/A	360	780	1560
Symbol		Explanation									
R		Code rate									
GI		guard interval									

IEEE 802.11ax

Spatial streames	MCS Index	Modulation	R	Data Rate(Mb/s)											
				800ns GI				1600ns GI				3200ns GI			
				20MHz	40MHz	80MHz	160MHz	20MHz	40MHz	80MHz	160MHz	20MHz	40MHz	80MHz	160MHz
1	0	BPSK	1/2	8.6	17.2	36	72.1	8.1	16.3	34	68.1	7.3	14.6	30.6	61.3
1	1	QPSK	1/2	17.2	34.4	72.1	144.1	16.3	32.5	68.1	136.1	14.6	29.3	61.3	122.5
1	2	QPSK	3/4	25.8	51.6	108.1	216.2	24.4	48.8	102.1	204.2	21.9	43.9	91.9	183.8
1	3	16-QAM	1/2	34.4	68.8	144.1	288.2	32.5	65	136.1	272.2	29.3	58.5	122.5	245
1	4	16-QAM	3/4	51.6	103.2	216.2	432.4	48.8	97.5	204.2	408.3	43.9	87.8	183.8	367.5
1	5	64-QAM	2/3	68.8	137.6	288.2	576.5	65	130	272.2	544.4	58.5	117	245	490
1	6	64-QAM	3/4	77.4	154.9	324.3	648.5	73.1	146.3	306.3	612.5	65.8	131.6	275.6	551.3
1	7	64-QAM	5/6	86	172.1	360.3	720.6	81.3	162.5	340.3	680.6	73.1	146.3	306.3	612.5
1	8	256QAM	3/4	103.2	206.5	432.4	864.7	97.5	195	408.3	816.7	87.8	175.5	367.5	735
1	9	256QAM	5/6	114.7	229.4	480.4	960.8	108.3	216.7	453.7	907.4	97.5	195	408.3	816.7
1	10	1024QAM	3/4	129	258.1	540.4	1080.9	121.9	243.8	510.4	1020.8	109.7	219.4	459.4	918.8
1	11	1024QAM	5/6	143.4	286.8	600.5	1201	135.4	270.8	567.1	1134.3	121.9	243.8	510.4	1020.8
2	0	BPSK	1/2	17.2	34.4	72	144.2	16.2	32.6	68	136.2	14.6	29.2	61.2	122.6
2	1	QPSK	1/2	34.4	68.8	144.2	288.2	32.6	65	136.2	272.2	29.2	58.6	122.6	245
2	2	QPSK	3/4	51.6	103.2	216.2	432.4	48.8	97.6	204.2	408.4	43.8	87.8	183.8	367.6
2	3	16-QAM	1/2	68.8	137.6	288.2	576.4	65	130	272.2	544.4	58.6	117	245	490
2	4	16-QAM	3/4	103.2	206.4	432.4	864.8	97.6	195	408.4	816.6	87.8	175.6	367.6	735
2	5	64-QAM	2/3	137.6	275.2	576.4	1153	130	260	544.4	1088.8	117	234	490	980
2	6	64-QAM	3/4	154.8	309.8	648.6	1297	146.2	292.6	612.6	1225	131.6	263.2	551.2	1102.6
2	7	64-QAM	5/6	172	344.2	720.6	1441.2	162.6	325	680.6	1361.2	146.2	292.6	612.6	1225
2	8	256QAM	3/4	206.4	413	864.8	1729.4	195	390	816.6	1633.4	175.6	351	735	1470
2	9	256QAM	5/6	229.4	458.8	960.8	1921.6	216.6	433.4	907.4	1814.8	195	390	816.6	1633.4
2	10	1024QAM	3/4	258	516.2	1080.8	2161.8	243.8	487.6	1020.8	2041.6	219.4	438.8	918.8	1837.6
2	11	1024QAM	5/6	286.8	573.6	1201	2402	270.8	541.6	1134.2	2268.6	243.8	487.6	1020.8	2041.6
Symbol		Explanation													
R		Code rate													
GI		guard interval													

IEEE 802.11be

Spatial streames	MCS Index	Modulation	R	Data Rate(Mb/s)											
				800ns GI				1600ns GI				3200ns GI			
				20MHz	40MHz	80MHz	160MHz	20MHz	40MHz	80MHz	160MHz	20MHz	40MHz	80MHz	160MHz
1	0	BPSK	1/2	8.6	17.2	36	72.1	8.1	16.3	34	68.1	7.3	14.6	30.6	61.3
1	1	QPSK	1/2	17.2	34.4	72.1	144.1	16.3	32.5	68.1	136.1	14.6	29.3	61.3	122.5
1	2	QPSK	3/4	25.8	51.6	108.1	216.2	24.4	48.8	102.1	204.2	21.9	43.9	91.9	183.8
1	3	16-QAM	1/2	34.4	68.8	144.1	288.2	32.5	65	136.1	272.2	29.3	58.5	122.5	245
1	4	16-QAM	3/4	51.6	103.2	216.2	432.4	48.8	97.5	204.2	408.3	43.9	87.8	183.8	367.5
1	5	64-QAM	2/3	68.8	137.6	288.2	576.5	65	130	272.2	544.4	58.5	117	245	490
1	6	64-QAM	3/4	77.4	154.9	324.3	648.5	73.1	146.3	306.3	612.5	65.8	131.6	275.6	551.3
1	7	64-QAM	5/6	86	172.1	360.3	720.6	81.3	162.5	340.3	680.6	73.1	146.3	306.3	612.5
1	8	256QAM	3/4	103.2	206.5	432.4	864.7	97.5	195	408.3	816.7	87.8	175.5	367.5	735
1	9	256QAM	5/6	114.7	229.4	480.4	960.8	108.3	216.7	453.7	907.4	97.5	195	408.3	816.7
1	10	1024QAM	3/4	129	258.1	540.4	1080.9	121.9	243.8	510.4	1020.8	109.7	219.4	459.4	918.8
1	11	1024QAM	5/6	143.4	286.8	600.5	1201	135.4	270.8	567.1	1134.3	121.9	243.8	510.4	1020.8
1	12	4096QAM	3/4	155	310	649	1297	146	293	613	1225	131	263	551	1103
1	13	4096QAM	5/6	172	344	721	1441	163	325	681	1361	146	293	613	1225
2	0	BPSK	1/2	17.2	34.4	72	144.2	16.2	32.6	68	136.2	14.6	29.2	61.2	122.6
2	1	QPSK	1/2	34.4	68.8	144.2	288.2	32.6	65	136.2	272.2	29.2	58.6	122.6	245
2	2	QPSK	3/4	51.6	103.2	216.2	432.4	48.8	97.6	204.2	408.4	43.8	87.8	183.8	367.6
2	3	16-QAM	1/2	68.8	137.6	288.2	576.4	65	130	272.2	544.4	58.6	117	245	490
2	4	16-QAM	3/4	103.2	206.4	432.4	864.8	97.6	195	408.4	816.6	87.8	175.6	367.6	735
2	5	64-QAM	2/3	137.6	275.2	576.4	1153	130	260	544.4	1088.8	117	234	490	980
2	6	64-QAM	3/4	154.8	309.8	648.6	1297	146.2	292.6	612.6	1225	131.6	263.2	551.2	1102.6
2	7	64-QAM	5/6	172	344.2	720.6	1441.2	162.6	325	680.6	1361.2	146.2	292.6	612.6	1225
2	8	256QAM	3/4	206.4	413	864.8	1729.4	195	390	816.6	1633.4	175.6	351	735	1470
2	9	256QAM	5/6	229.4	458.8	960.8	1921.6	216.6	433.4	907.4	1814.8	195	390	816.6	1633.4
2	10	1024QAM	3/4	258	516.2	1080.8	2161.8	243.8	487.6	1020.8	2041.6	219.4	438.8	918.8	1837.6
2	11	1024QAM	5/6	286.8	573.6	1201	2402	270.8	541.6	1134.2	2268.6	243.8	487.6	1020.8	2041.6
2	12	4096QAM	3/4	310	620	1298	2594	292	586	1226	2450	262	526	1102	2206
2	13	4096QAM	5/6	344	688	1442	2882	326	650	1362	2722	292	586	1226	2450
Symbol		Explanation													
R		Code rate													
GI		guard interval													

Note: We have evaluated low/mid/high data rate, the blue font is the highest power data rate.

2 DESCRIPTION OF TEST SETUP

2.1 Operating mode(s) used for tests

During the tests the following operating mode(s) has(have) been used.

Test Mode	Mode 1: Transmit by 802.11a
	Mode 2: Transmit by 802.11n (20MHz)
	Mode 3: Transmit by 802.11n (40MHz)
	Mode 4: Transmit by 802.11ac (20MHz)
	Mode 5: Transmit by 802.11ac (40MHz)
	Mode 6: Transmit by 802.11ac (80MHz)
	Mode 7: Transmit by 802.11ac (160MHz)
	Mode 8: Transmit by 802.11ax (20MHz)
	Mode 9: Transmit by 802.11ax (40MHz)
	Mode 10: Transmit by 802.11ax (80MHz)
	Mode 11: Transmit by 802.11ax (160MHz)
	Mode 12: Transmit by 802.11be (20MHz)
	Mode 13: Transmit by 802.11be (40MHz)
	Mode 14: Transmit by 802.11be (80MHz)
	Mode 15: Transmit by 802.11be (160MHz)

Note 1: Regards to the frequency band operation: the lowest, middle and highest frequency channel were selected to perform the test, then shown on this report.

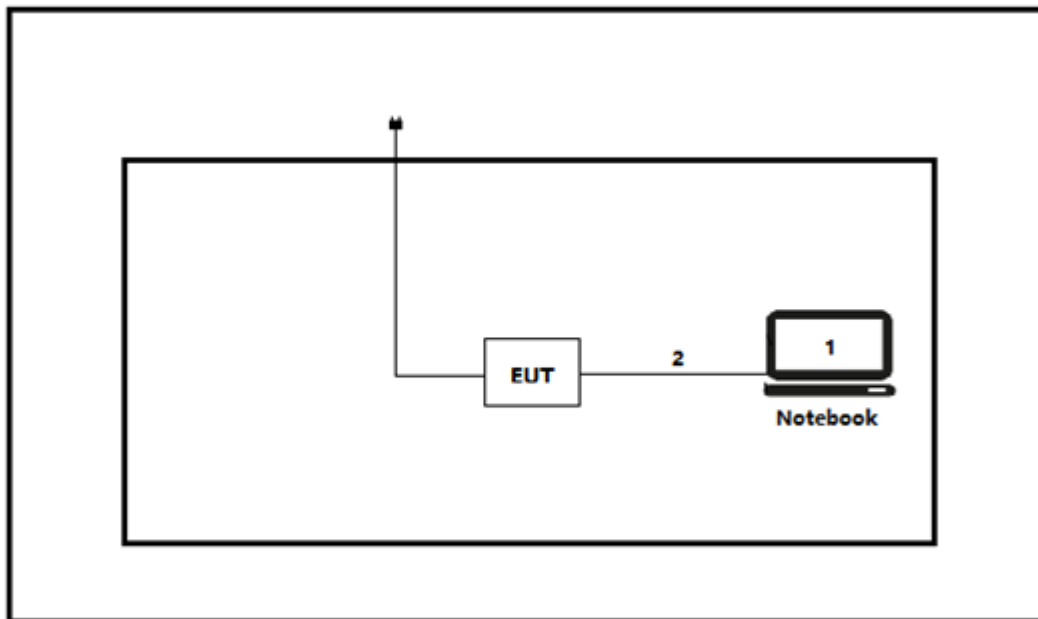
2.2 Auxiliary equipment / Test software for the EUT

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
(1) Notebook	Think pad x220	Lenovo	Adapter
(2) USB Control Cable	N/A	N/A	N/A
(3) USB Control Cable	N/A	N/A	N/
software	Type / Version	Manufacturer	Supplied by
Putty	N/A	N/A	N/A

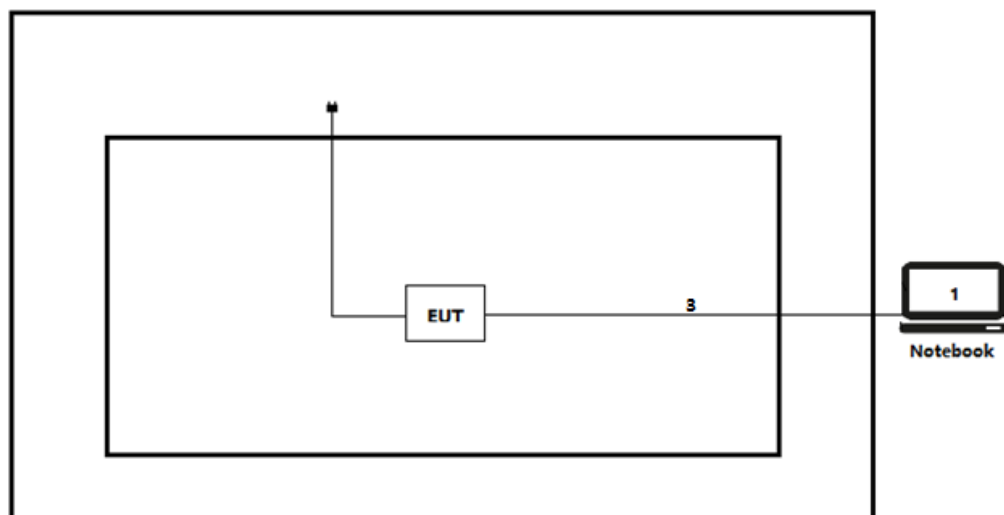
Accessories Information	Cable		
	Length used during test [m]	Attached during test	Shielded
(2)USB Control Cable	1	☒	☒
(3)USB Control Cable	8	☒	☒

2.3 Test Configuration / Block diagram used for tests

Test setup Diagram- Conducted test



Test setup Diagram- Radiated Emission



2.4 Testing process

1	Setup the EUT as shown in Section 2.3.
2	Execute the "Putty" on the notebook.
3	Configure the test mode, the test channel, and the data rate.
4	Verify that the EUT works properly.

3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	Description
ANSI C63.10	2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
FCC CFR Title 47 Part 15 Subpart E	2024	FCC CFR Title 47 Part 15 Subpart E
KDB 789033 D02 General UNII Test Procedures New Rules v02r01	2017	This document provides guidance for determining emissions compliance of U-NII devices under Part 15, Subpart E of the FCC rules.
KDB 662911	2020	Provision to Allow Measurement of Directional Gain of Multi-Antenna Systems for Compliance Verification
RSS-Gen Issue 5 Amendment 2	2021	General Requirements for Compliance of Radio Apparatus
RSS-247 Issue 3	2023	Digital Transmission Systems (DTSS), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices

3.2 Deviation(s) from the Standard(s) / Test Specification(s)

The following deviation(s) was / were made from the published requirements of the listed standards: N/A.

(Please define the deviations from the standard(s) if applicable)

3.3 Overview of results

Requirement – Test case of FCC	Basic standard(s)	Verdict	Remark
Conducted Emission	FCC CFR Title 47 Part 15 Subpart E: Section 15.207	N/A	EUT is DC powered, not applicable.
Radiated Emission	FCC CFR Title 47 Part 15 Subpart E: Section 15.209	PASS	Test data please refer to Appendix A
Emission bandwidth and occupied bandwidth	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(a)	PASS	Test data please refer to Appendix B
6dB Emission Bandwidth	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(e)	PASS	Test data please refer to Appendix C
Duty cycle	ANSI C63.10:2013	PASS	Test data please refer to Appendix D
Power Output	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(a)	PASS	Test data please refer to Appendix E
Peak Power Spectral Density	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(a)	PASS	Test data please refer to Appendix F
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart E: Section 15.205, 15.407(b)	PASS	Test data please refer to Appendix G
Frequency Stability	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(g)	PASS	Test data please refer to Appendix H
Dynamic Frequency Selection (DFS)	FCC CFR Title 47 Part 15 Subpart E: Section 15.407(h)	PASS	Test report please refer to 24B0230R-RF-US-DFS-P09V02 24B0230R-RF-US-DFS-P09V03
Antenna Requirement	FCC 15.203	PASS	---

Requirement – Test case of ISED	Basic standard(s)	Verdict	Remark
Conducted Emission	RSS-Gen Issue 5: Section 8.8	N/A	EUT is DC powered, not applicable.
Radiated Emission	RSS-Gen Issue 5: Section 8.9 RSS-247 Issue 3: Section 6.2	PASS	Test data please refer to Appendix A
Emission bandwidth and occupied bandwidth	RSS-Gen Issue 5: Section 6.7 RSS-247 Issue 3: Section 6.2.4	PASS	Test data please refer to Appendix B
6dB Emission Bandwidth	RSS-Gen Issue 5: Section 6.7 RSS-247 Issue 3: Section 6.2.4	PASS	Test data please refer to Appendix C
Duty cycle	ANSI C63.10:2013	PASS	Test data please refer to Appendix D
Power Output	RSS-247 Issue 3: Section 6.2	PASS	Test data please refer to Appendix E
Peak Power Spectral Density	RSS-247 Issue 3: Section 6.2	PASS	Test data please refer to Appendix F
Band Edge	RSS-Gen Issue 5: Section 8.10	PASS	Test data please refer to Appendix G
Frequency Stability	RSS-Gen Issue 5: Section 6.11	PASS	Test data please refer to Appendix H
Dynamic Frequency Selection (DFS)	RSS-247 Issue 3: Section 6.3	PASS	Test report please refer to 24B0230R-RF-US-DFS-P09V02 24B0230R-RF-US-DFS-P09V03
Antenna Requirement	RSS-Gen Issue 5 Section 6.8	PASS	---

3.4 Test Matrix

Test item	Mode: WLE7000E5	
	1(#1)	2(#2)
Radiated Emission	☐	☒
Emission bandwidth and occupied bandwidth	☒	☐
6dB Emission Bandwidth	☒	☐
Duty cycle	☒	☐
Power Output	☒	☐
Peak Power Spectral Density	☒	☐
Band Edge	☐	☒
Frequency Stability	☒	☐
Note 1: The difference between Sample 1 and Sample 2 is whether it is equipped with an antenna. Sample 1 is a test product with an RF module equipped with an SMA wire, and Sample 2 is a test product with a customer-specific antenna.		

3.5 Test Facility

USA	:	FCC Designation Number: CN1199
CA	:	ISED CAB identifier: CN0040

4 TEST RESULTS

4.1 AC Power Line Conducted Emission

VERDICT: N/A

4.1.1 Limit

Standard FCC Part 15 Subpart C Paragraph 15.207; RSS-Gen Issue 5: Section 8.8

Frequency range [MHz]	Limit: QP [dB(μV) ¹⁾]	Limit: AV [dB(μV) ¹⁾]
0,15 - 0,50	66 - 56 ²⁾	56 - 46 ²⁾
0,50 - 5,0	56	46
5,0 - 30	60	50

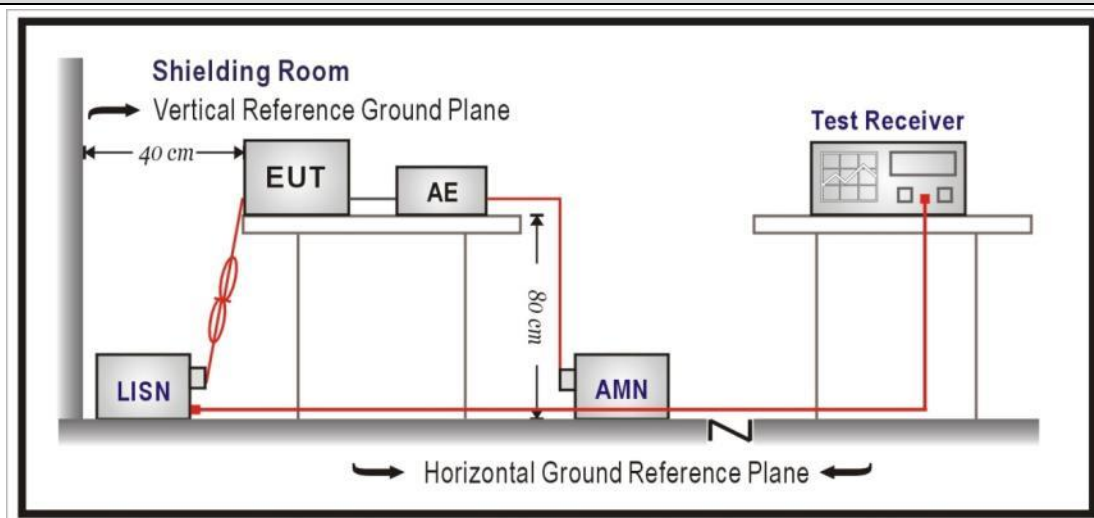
¹⁾ At the transition frequency, the lower limit applies.

²⁾ The limit decreases linearly with the logarithm of the frequency.

NOTE 1: The exclusion band for transmitters shall be considered for transmitters operating at frequencies below 30 MHz.

NOTE 2: Where the AC output port is directly connected (or via a circuit breaker) to the AC power input port of the EUT the AC power output port need not to be tested.

4.1.2 Test Setup



4.1.3 Test Procedure

	References Rule	Chapter	Item
☒	ANSI C63.10-2013	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices

4.2 Radiated Emissions**VERDICT: PASS****4.2.1 Limit****Standard**

FCC Part 15 Subpart C Paragraph 15.205, RSS-Gen Issue 5:Section 8.9; RSS-247 Issue 3:Section 6.2

Restricted Bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.²Above 38.6

FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit),RSS-Gen Issue5:Section 8.9(Restricted Band Emissions Limit)

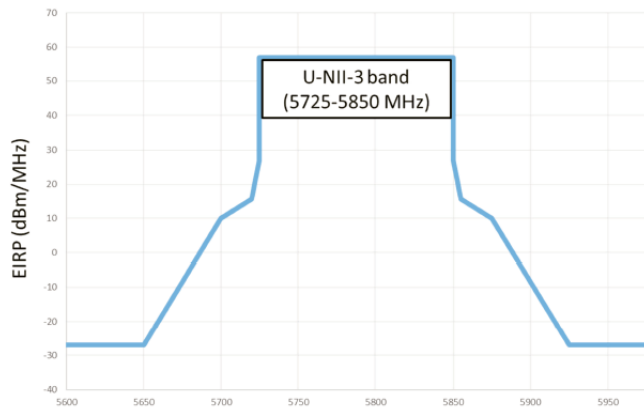
Frequency (MHz)	Field strength (μ V/m)	Field strength (dB μ V/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300 _(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30 _(Note 1)
1.705 - 30	30	29.5	30 _(Note 1)
30 - 88	100	40	3 _(Note 2)
88 - 216	150	43.5	3 _(Note 2)
216 - 960	200	46	3 _(Note 2)
Above 960	500	54	3 _(Note 2)

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

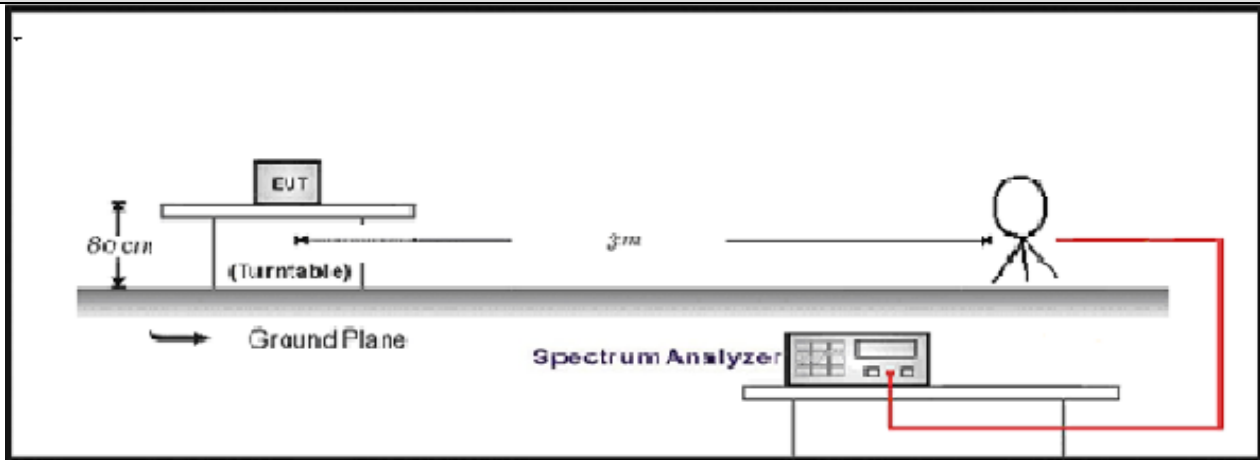
FCC Part 15 Subpart C Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit), RSS-247 Issue3: Section 6.2 (Restricted Band Emissions Limit)

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3

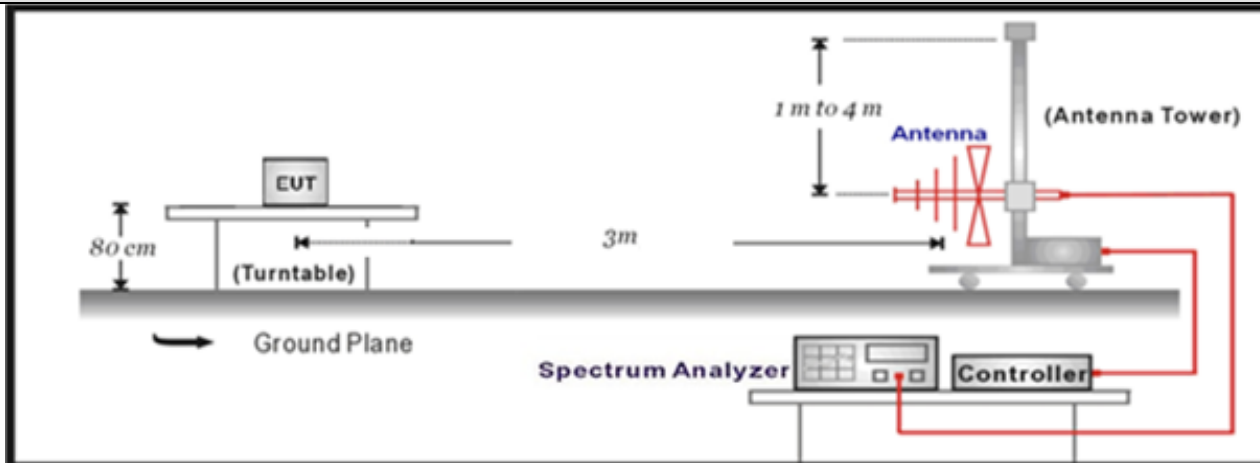
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)
5725 - 5850	 U-NII-3 band (5725-5850 MHz)

4.2.2 Test Setup

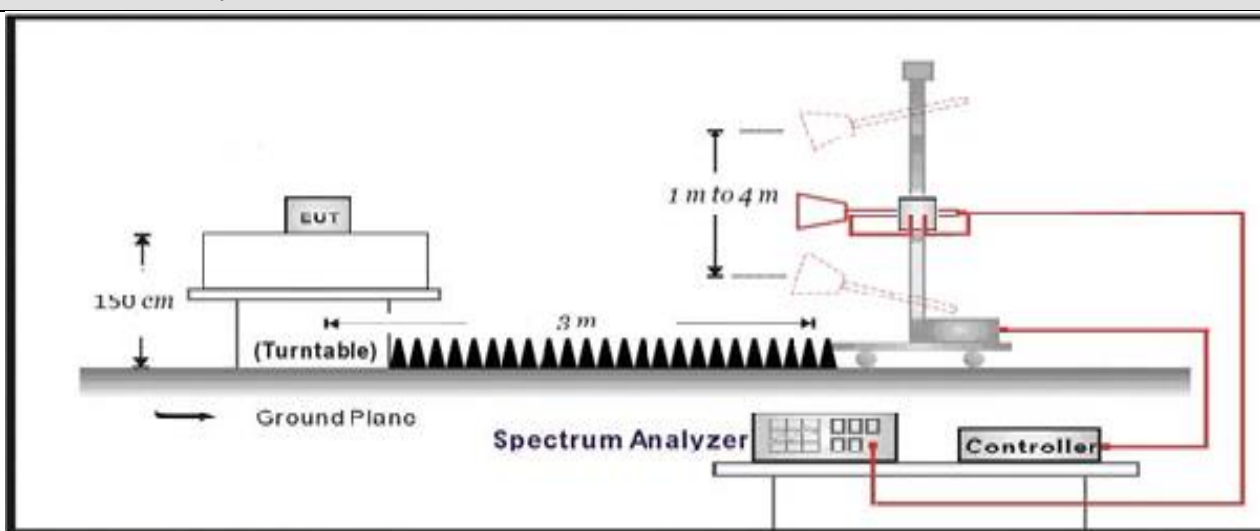
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



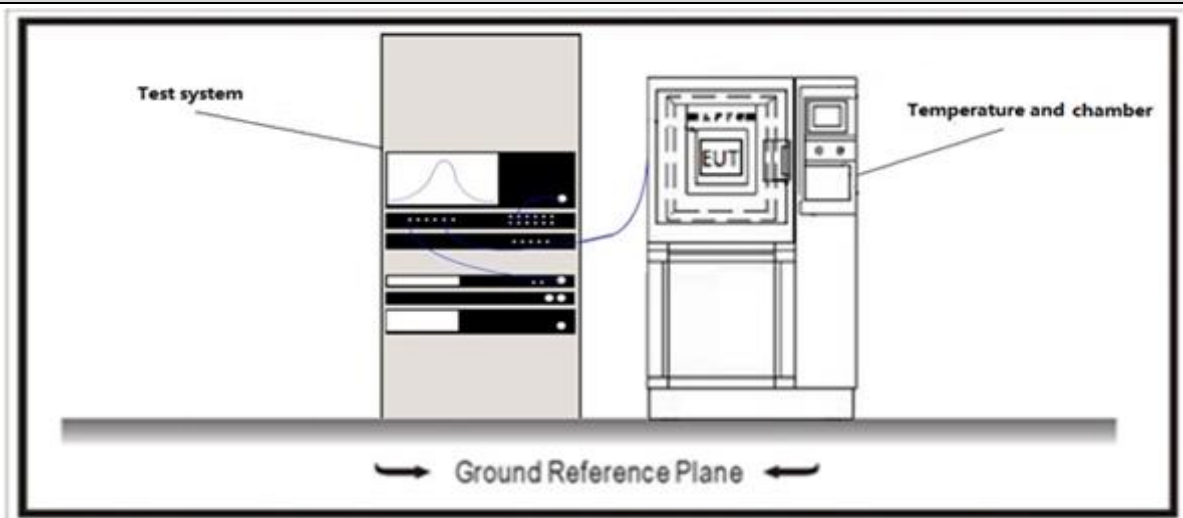
4.2.3 Test Procedure

Test Method			
	References Rule	Chapter	Description
☐	ANSI C63.10	12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10	12.7.2	Emissions in restricted frequency bands
☒	ANSI C63.10	12.7.5	Radiated emission measurements
☒	ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
☒	ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
☐	ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
☒	ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
☒	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☒	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☒	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.3 Emission bandwidth**VERDICT: PASS****4.3.1 Limit**

Standard	FCC CFR Title 47 Part 15 Subpart E: Section 15.407, RSS-Gen Issue 5:Section 6.7
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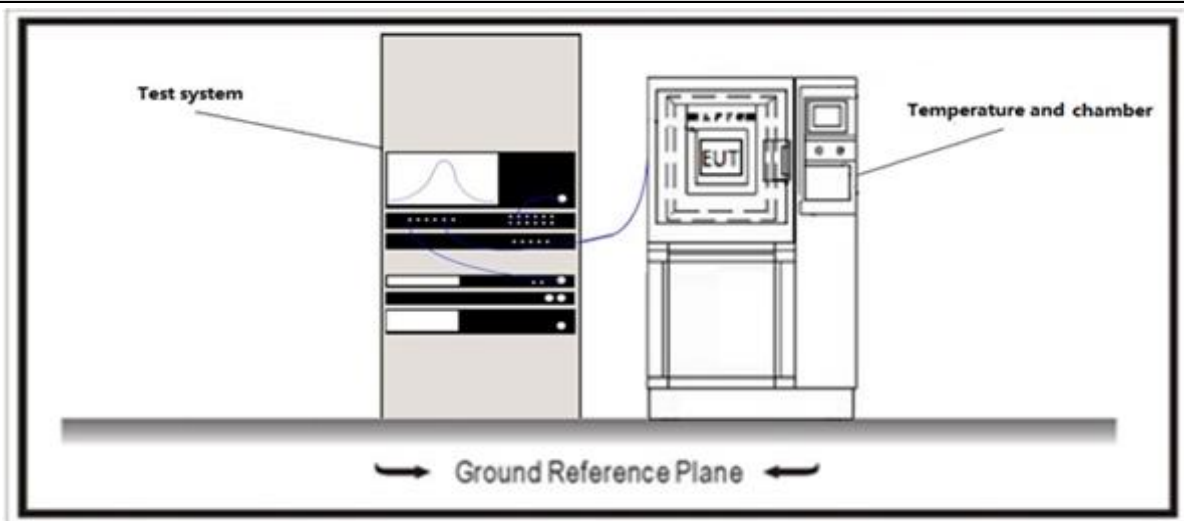
Whin the Frequency band.

4.3.2 Test Setup**4.3.3 Test Procedure****Test Method**

	References Rule	Chapter	Description
☐	ANSI C63.10	12.4	Emission bandwidth and occupied bandwidth
☐	ANSI C63.10	12.4.1	Emission bandwidth (26dB)
☐	ANSI C63.10	12.4.2	Occupied bandwidth (99%)
☒	FCC KDB 789033 D02v02r01	C	Bandwidth Measurement
☒	FCC KDB 789033 D02v02r01	C.1	Emission Bandwidth (26dB)
☐	FCC KDB 789033 D02v02r01	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☒	FCC KDB 789033 D02v02r01	D	99 Percent Occupied Bandwidth

4.4 6dB bandwidth**VERDICT: PASS****4.4.1 Limit****Standard**

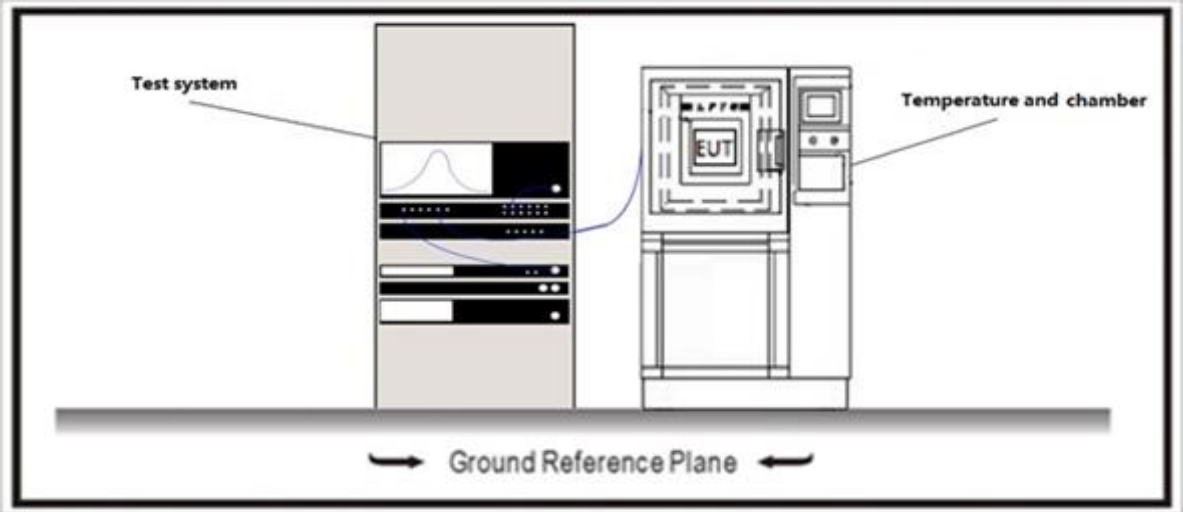
FCC CFR Title 47 Part 15 Subpart E: Section 15.407(e), RSS-247 Issue 3:Section 6.2.4.2

6dB Bandwith $\geq 500\text{KHz}$ **4.4.2 Test Setup****4.4.3 Test Procedure****Test Method**

	References Rule	Chapter	Description
☐	ANSI C63.10	12.4	Emission bandwidth and occupied bandwidth
☐	ANSI C63.10	12.4.1	Emission bandwidth (26dB)
☐	ANSI C63.10	12.4.2	Occupied bandwidth (99%)
☒	FCC KDB 789033 D02v02r01	C	Bandwidth Measurement
☐	FCC KDB 789033 D02v02r01	C.1	Emission Bandwidth (26dB)
☒	FCC KDB 789033 D02v02r01	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☐	FCC KDB 789033 D02v02r01	D	99 Percent Occupied Bandwidth

4.5 Duty cycle	VERDICT: PASS
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4.5.1 Limit
N/A

4.5.2 Test Setup


4.5.3 Test Procedure			
References Rule		Chapter	Description
☒	ANSI C63.10	11.6	Duty cycle (D), transmission duration (T), and maximum power control level

4.6 Power Output**VERDICT: PASS****4.6.1 Limit**

Standard		FCC Part 15 Subpart E Paragraph 15.407 (a)
☒	For the band 5.15-5.25 GHz	
☐	Outdoor access point: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$ and $\leq 125\text{mW}$ at any angle above 30 degrees	
☒	Indoor access point: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$	
☐	Fixed point-to-point access points: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 23\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 23)$	
☒	Mobile and portable client devices: the maximum conducted output power shall not exceed 250mW. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 24 - (G_{TX} - 6)$	
☒	For the band 5.25-5.35 GHz:	
☒	The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \log B$, where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \log B) - (G_{TX} - 6)$	
☒	For the 5.47-5.725 GHz:	
☒	The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \log B$, where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \log B) - (G_{TX} - 6)$	
☒	For the band 5.725-5.85 GHz:	
☒	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6 \text{ dBi}$, then $P_{out} = 30 - (G_{TX} - 6)$	
☐	Point-to-point systems (P2P): the maximum conducted output power (P_{out}) shall not exceed the lesser of 1 W	

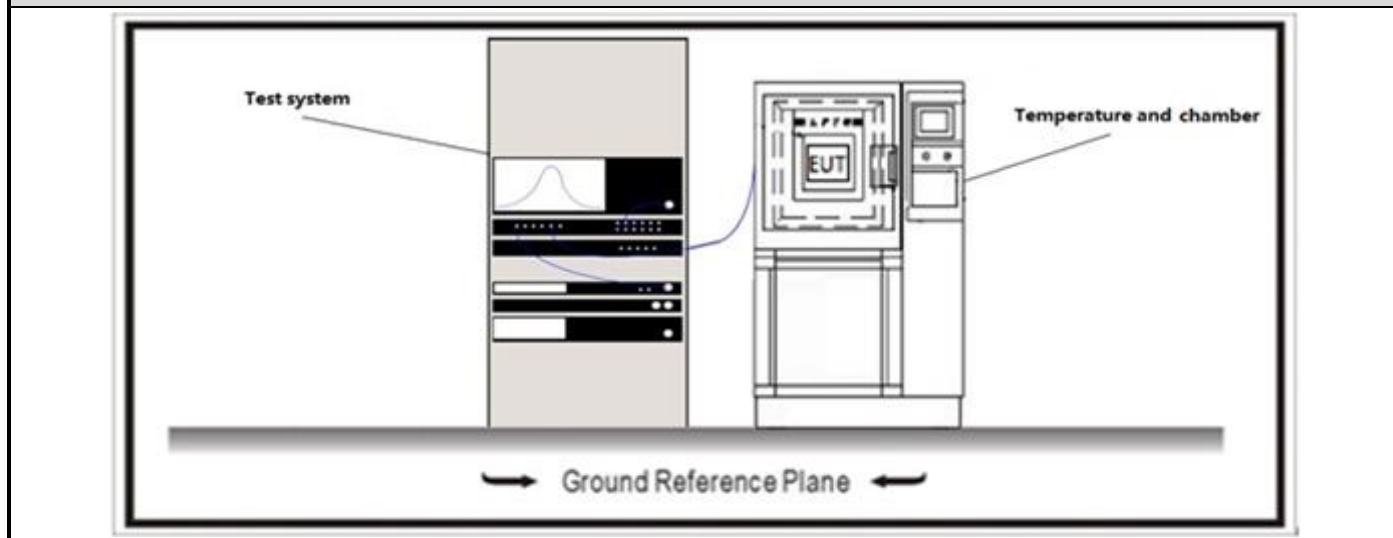
Note 1 : GTX directional gain of transmitting antennas.

Note 2 : Pout is maximum conducted output power .

Standard		RSS-247 Issue 3 Paragraph 6.2
☒	For the band 5.15-5.25 GHz	
☐	For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10\log 10B$, dBm, whichever is less. Devices shall implement transmitter power control (TPC) in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.	
☒	For other devices, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log 10B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.	
☒	For the band 5.25-5.35 GHz:	

☐	For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10\log_{10}B$, dBm, whichever is less. Devices shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.
☒	The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \text{ Log } B$, whichever is less, the maximum e.i.r.p. shall not exceed 1.0 W or $17\text{dBm} + 10 \text{ Log } B$, whichever is less, where B is the 99% bandwidth in MHz.
☒	For the 5.47-5.725 GHz:
☒	The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \text{ Log } B$, whichever is less, the maximum e.i.r.p. shall not exceed 1.0 W or $17\text{dBm} + 10 \text{ Log } B$, whichever is less, where B is the 99% bandwidth in MHz.
☒	For the band 5.725-5.85 GHz:
☒	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{\text{TX}} > 6 \text{ dBi}$, then $P_{\text{Out}} = 30 - (G_{\text{TX}} - 6)$
☐	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W
Note 1 : GTX directional gain of transmitting antennas.	
Note 2 : Pout is maximum conducted output power .	

4.6.2 Test Setup



4.6.3 Test Procedure

	References Rule		Chapter	Description
☒	ANSI C63.10		12.3	Maximum conducted output power
	☒	ANSI C63.10	12.3.2	Maximum conducted output power measurement using a spectrum analyzer (SA) or EMI receiver
		☐ ANSI C63.10	12.3.2.2	Method SA-1
		☐ ANSI C63.10	12.3.2.3	Method SA-1A (alternative)
		☒ ANSI C63.10	12.3.2.4	Method SA-2
		☐ ANSI C63.10	12.3.2.5	Method SA-2A (alternative)
		☐ ANSI C63.10	12.3.2.6	Method SA-3
		☐ ANSI C63.10	12.3.2.7	Method SA-3A (alternative)
	☒	ANSI C63.10	12.3.3	Maximum conducted output power using a power meter
		☐ ANSI C63.10	12.3.3.1	Method PM
		☒ ANSI C63.10	12.3.3.2	Method PM-G

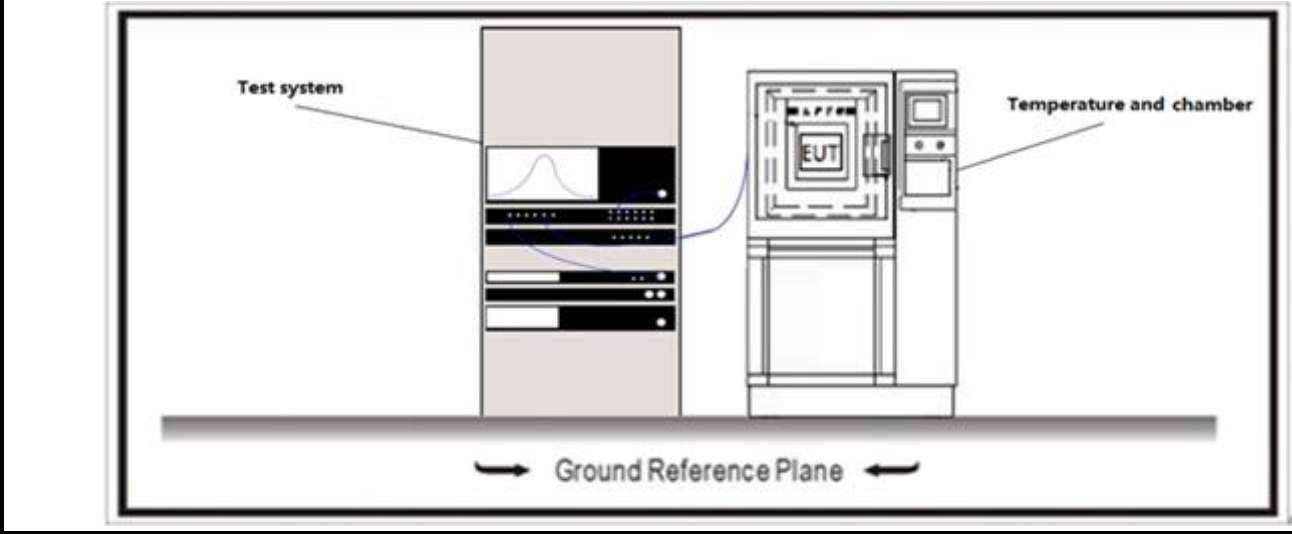
Directional Gain Calculations for In-Band test method				
	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)e)	Spatial stream
	☐	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☒	KDB 662911	F2)f) (i)	Antennas have the same gain
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (iii)	Antenna have the different gain with more than one spatial stream

4.7 Maximum Power Spectral Density**VERDICT: PASS****4.7.1 Limit**

Standard		FCC Part 15 Subpart E Paragraph 15.407 (a)
☒	For the band 5.15-5.25 GHz	
☐	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 6)$	
☒	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 6)$	
☐	Fixed point-to-point access points: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 23\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 23)$	
☒	Mobile and portable client devices: the maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$	
☒	For the 5.25-5.35 GHz:	
☒	The maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$	
☒	For the 5.47-5.725 GHz:	
☒	The maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$	
☒	For the band 5.725-5.85 GHz:	
☒	The maximum power spectral density shall not exceed 30 dBm/500KHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$	
Note 1: G_{TX} directional gain of transmitting antennas.		
Note 2: P_{out} is maximum power spectral density.		
Standard		RSS-247 Issue 3 Paragraph 6.2
☒	For the band 5.15-5.25 GHz: The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.	
☒	For the 5.25-5.35 GHz: The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.	
☒	For the 5.47-5.725 GHz: The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.	
☒	For the band 5.725-5.85 GHz: The power spectral density shall not exceed 30 dBm in any 500 kHz band. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$	
Note 1 : G_{TX} directional gain of transmitting antennas.		
Note 2 : P_{out} is maximum conducted output power .		

Directional Gain Calculations for In-Band test method				
	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)e)	Spatial stream
	☐	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☒	KDB 662911	F2)f) (i)	Antennas have the same gain
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (iii)	Antenna have the different gain with more than one spatial stream

4.7.2 Test Setup



4.7.3 Test Procedure

	References Rule	Chapter	Description
☒	ANSI C63.10	12.5	Peak power spectral density
☒	FCC KDB 789033 D02v02r01	F	Maximum Power Spectral Density (PSD)

4.8 Radiated Emission Band Edge**VERDICT: PASS****4.8.1 Limit****Standard**

FCC Part 15 Subpart C Paragraph 15.205, RSS-Gen Issue 5:Section 8.9; RSS-247 Issue 3:Section 6.2

Restricted Bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.²Above 38.6

FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit), RSS-Gen Issue5:Section 8.9
(Restricted Band Emissions Limit)

Frequency (MHz)	Field strength (μ V/m)	Field strength (dB μ V/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300 _(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30 _(Note 1)
1.705 - 30	30	29.5	30 _(Note 1)
30 - 88	100	40	3 _(Note 2)
88 - 216	150	43.5	3 _(Note 2)
216 - 960	200	46	3 _(Note 2)
Above 960	500	54	3 _(Note 2)

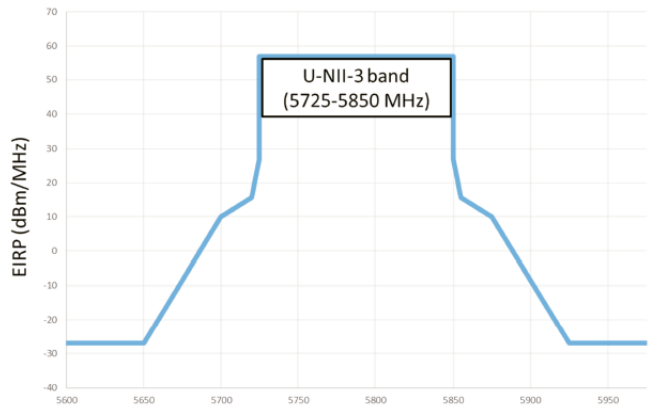
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment.

Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

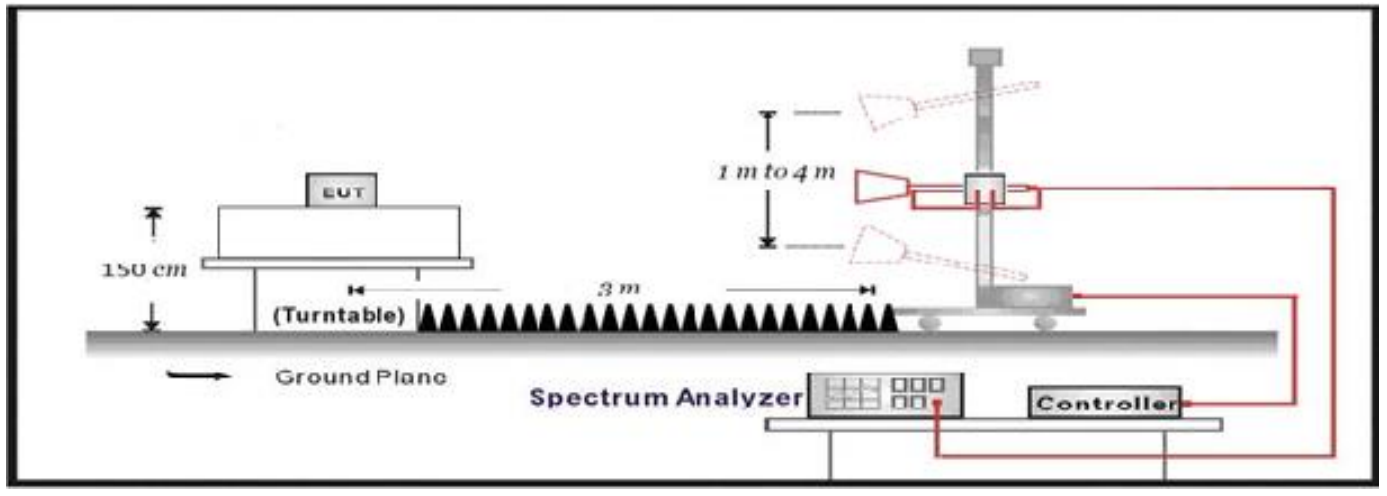
FCC Part 15 Subpart C Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit), RSS-247 Issue3: Section 6.2
(Restricted Band Emissions Limit)

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)
5725 - 5850	 U-NII-3 band (5725-5850 MHz)

4.8.2 Test Setup

Above 1GHz Test Setup:



4.8.3 Test Procedure

	References Rule	Chapter	Description
☐	ANSI C63.10	12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10	12.7.2	Emissions in restricted frequency bands
☐	ANSI C63.10	12.7.5	Radiated emission measurements
☒	ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
☒	ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
☐	ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
☒	ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
☐	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☐	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☐	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
☐	FCC KDB 789033 D02v02r01	G.2	Unwanted Emissions that fall Outside of the Restricted Bands
☐	FCC KDB 789033 D02v02r01	G.1	Unwanted Emissions in the Restricted Bands
☐	FCC KDB 789033 D02v02r01	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
☐	FCC KDB 789033 D02v02r01	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
☐	FCC KDB 789033 D02v02r01	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz

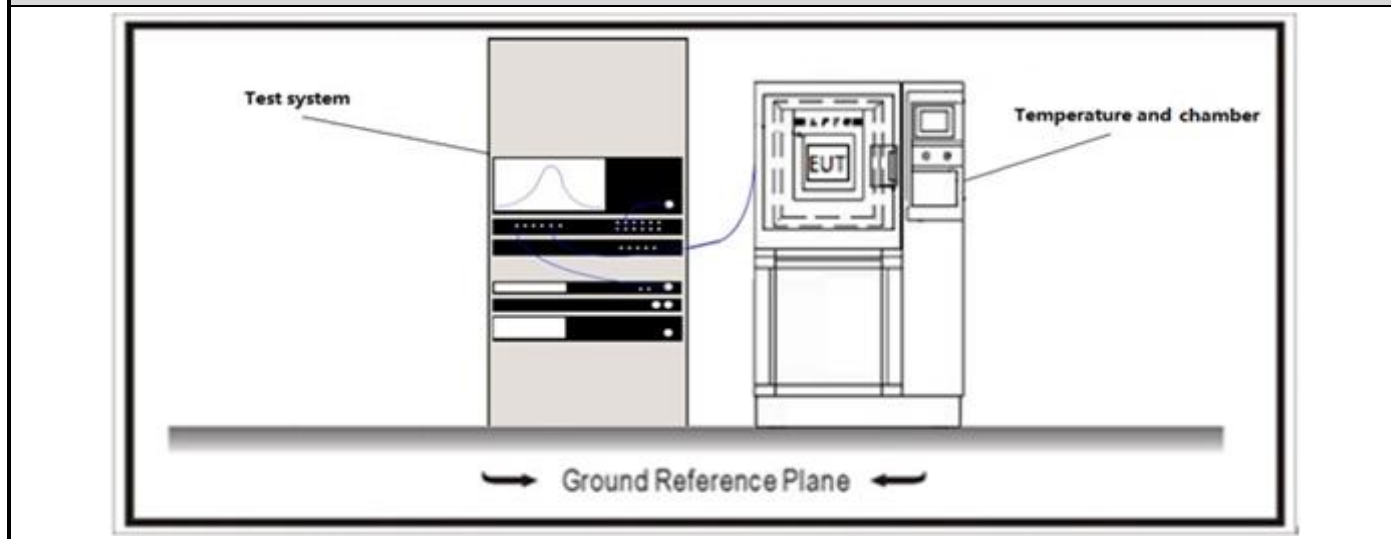


	☐	FCC KDB 789033 D02v02r01	G.6.c	Method AD (Average detection)—primary method
	☐	FCC KDB 789033 D02v02r01	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

4.9 Frequency Stability**VERDICT: PASS****4.9.1 Limit:**

In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band.

4.9.2 Test Setup**4.9.3 Test Procedure**

	References Rule		Chapter	Description
☒	ANSI C63.10		6.8	Frequency stability tests
	☒	ANSI C63.10	6.8.1	Frequency stability with respect to ambient temperature
	☒	ANSI C63.10	6.8.2	Frequency stability when varying supply voltage

4.10 Antenna Requirement**VERDICT: PASS****4.10.1 Limit:**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. 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 provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

4.10.2 Antenna Connector Construction:

- | | |
|-------------------------------------|--|
| ☒ | The use of a permanently attached antenna |
| ☐ | The antenna use of a unique coupling to the intentional radiator |
| ☐ | The use of a nonstandard antenna jack or electrical connector |

Please refer to the attached document "Internal Photograph" to show the antenna connector.

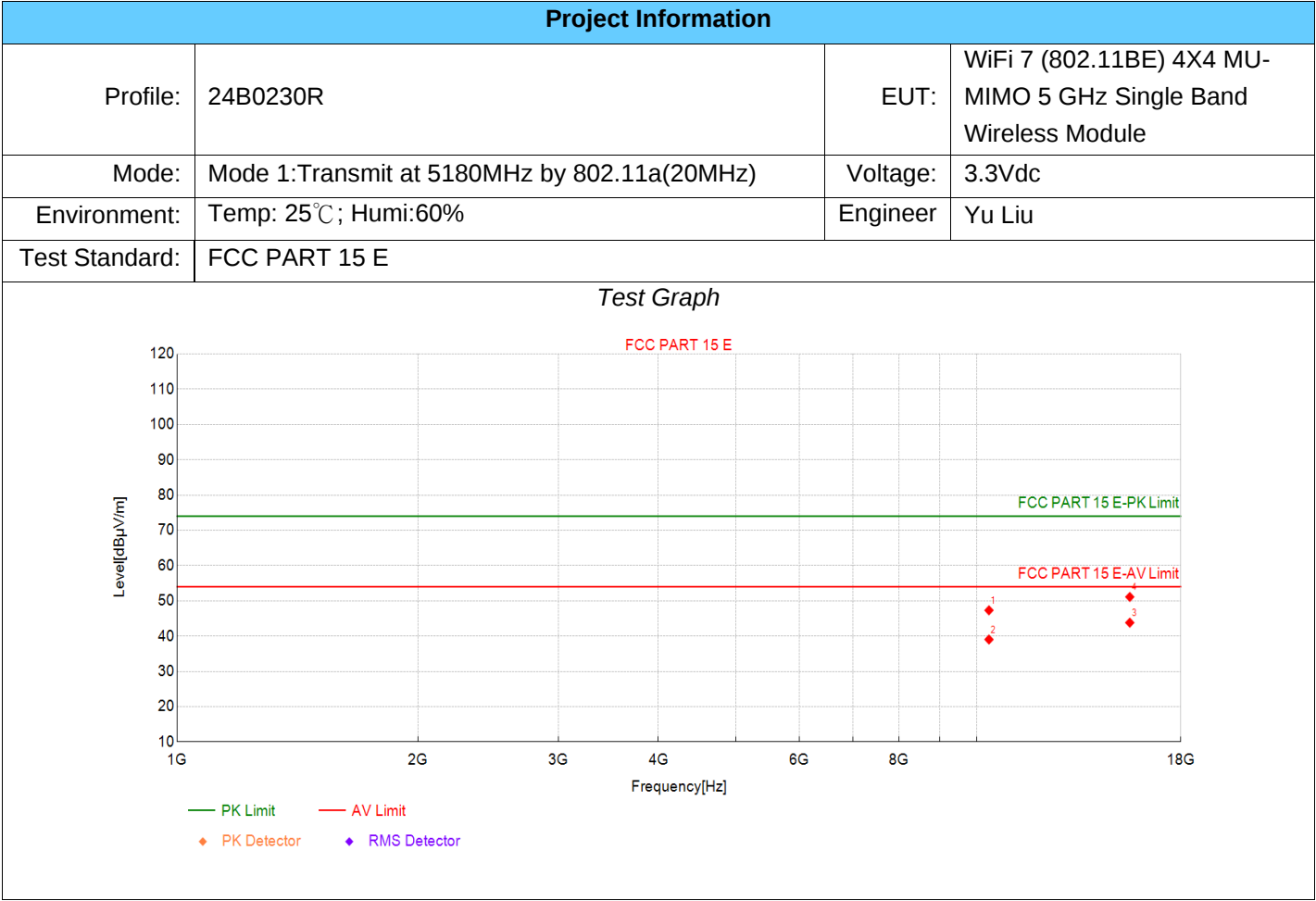
5 TEST SETUP PHOTO AND EUT PHOTO

Remark: The test setup photo and EUT Photo please see appendix.

6 TEST RESULT

Appendix A: Radiated Emission

SISO:



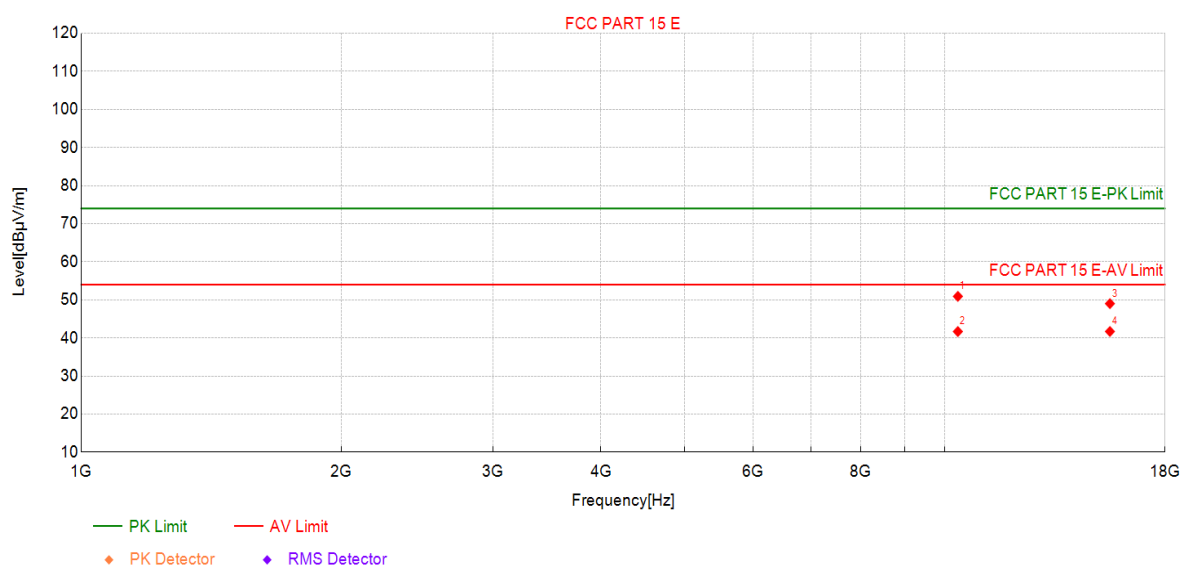
Suspected Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360	40.74	47.32	6.58	74.00	26.68	PK	Horizo	PASS
2	10360	32.45	39.03	6.58	54.00	14.97	AV	Horizo	PASS
3	15540	29.91	43.81	13.90	54.00	10.19	AV	Horizo	PASS
4	15540	37.22	51.12	13.90	74.00	22.88	PK	Horizo	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5180MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360	44.34	50.92	6.58	74.00	23.08	PK	Vertic	PASS
2	10360	35.10	41.68	6.58	54.00	12.32	AV	Vertic	PASS
3	15540	35.11	49.01	13.90	74.00	24.99	PK	Vertic	PASS
4	15540	27.79	41.69	13.90	54.00	12.31	AV	Vertic	PASS

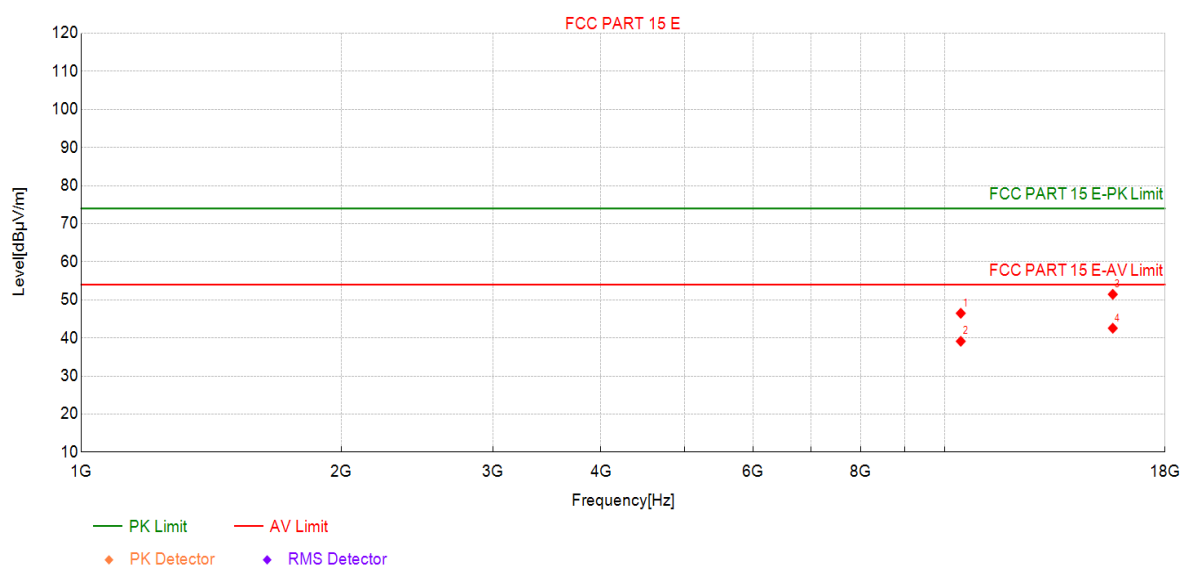
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5220MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10440	39.83	46.47	6.64	74.00	27.53	PK	Horizo	PASS
2	10440	32.48	39.12	6.64	54.00	14.88	AV	Horizo	PASS
3	15660	37.36	51.45	14.09	74.00	22.55	PK	Horizo	PASS
4	15660	28.46	42.55	14.09	54.00	11.45	AV	Horizo	PASS

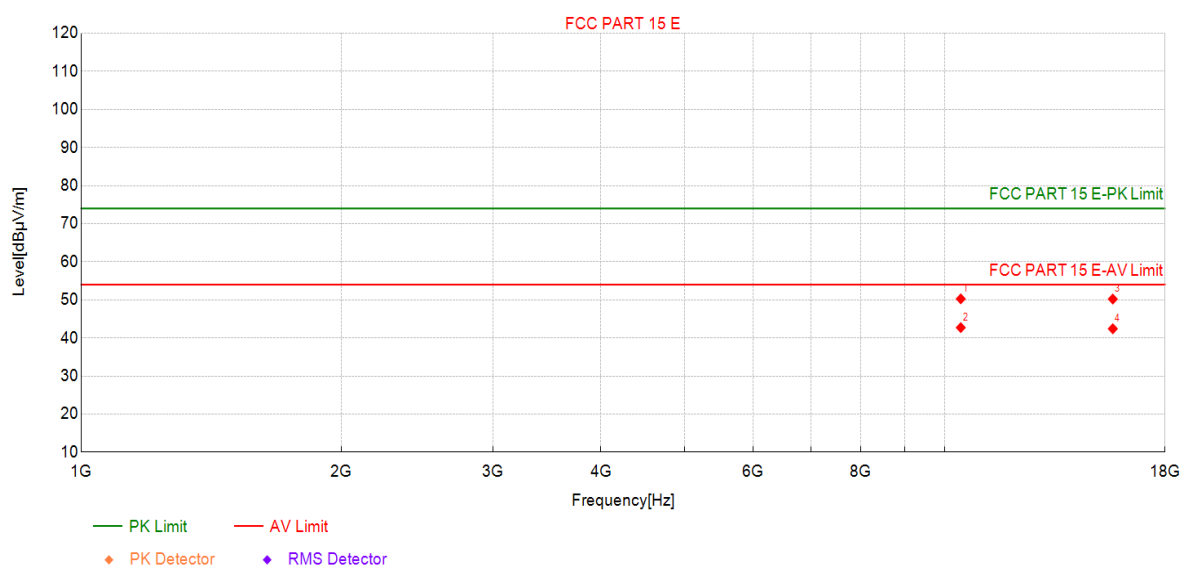
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5220MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10440	43.63	50.27	6.64	74.00	23.73	PK	Vertic	PASS
2	10440	36.08	42.72	6.64	54.00	11.28	AV	Vertic	PASS
3	15660	36.12	50.21	14.09	74.00	23.79	PK	Vertic	PASS
4	15660	28.33	42.42	14.09	54.00	11.58	AV	Vertic	PASS

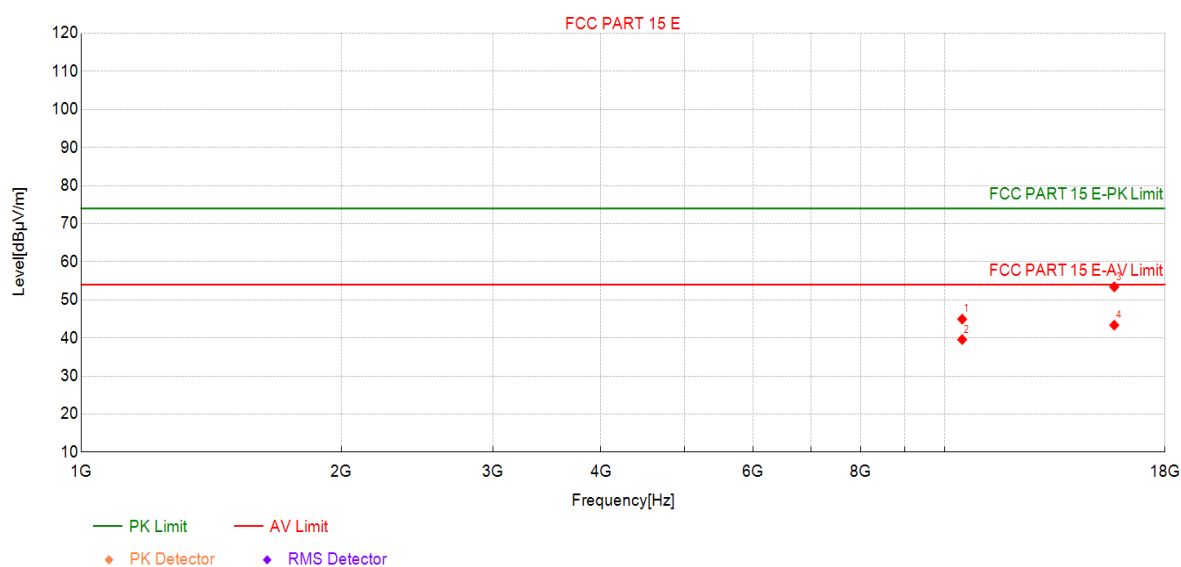
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5240MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10480	38.23	44.94	6.71	74.00	29.06	PK	Horizo	PASS
2	10480	32.87	39.58	6.71	54.00	14.42	AV	Horizo	PASS
3	15720	38.99	53.40	14.41	74.00	20.60	PK	Horizo	PASS
4	15720	28.94	43.35	14.41	54.00	10.65	AV	Horizo	PASS

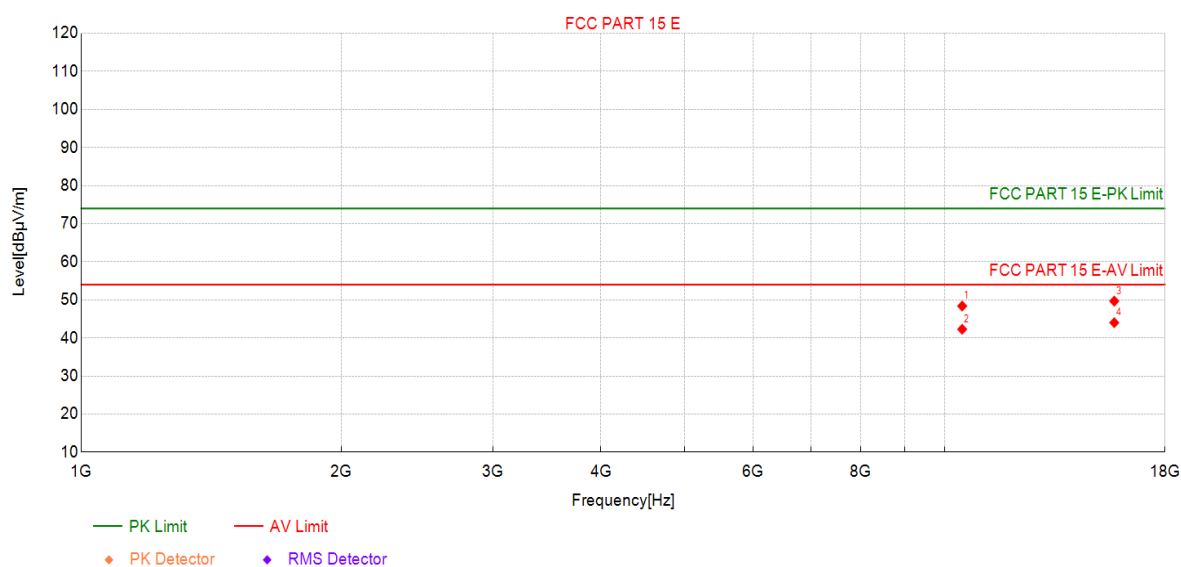
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5240MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10480	41.67	48.38	6.71	74.00	25.62	PK	Vertic	PASS
2	10480	35.58	42.29	6.71	54.00	11.71	AV	Vertic	PASS
3	15720	35.26	49.67	14.41	74.00	24.33	PK	Vertic	PASS
4	15720	29.60	44.01	14.41	54.00	9.99	AV	Vertic	PASS

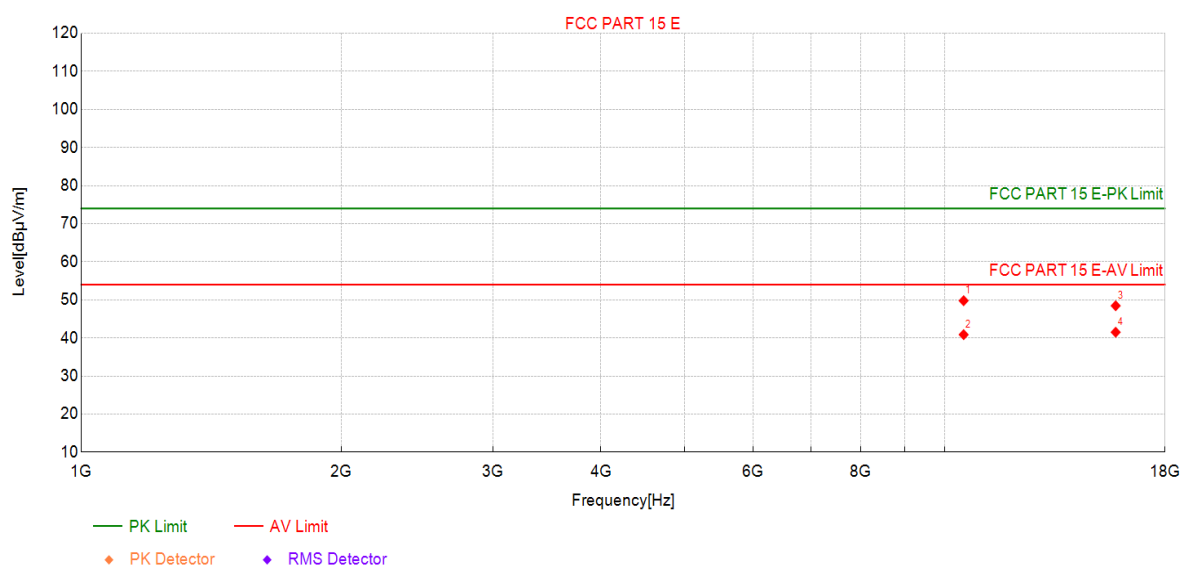
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5260MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10520	43.02	49.78	6.76	74.00	24.22	PK	Horizo	PASS
2	10520	34.10	40.86	6.76	54.00	13.14	AV	Horizo	PASS
3	15780	34.36	48.45	14.09	74.00	25.55	PK	Horizo	PASS
4	15780	27.41	41.50	14.09	54.00	12.50	AV	Horizo	PASS

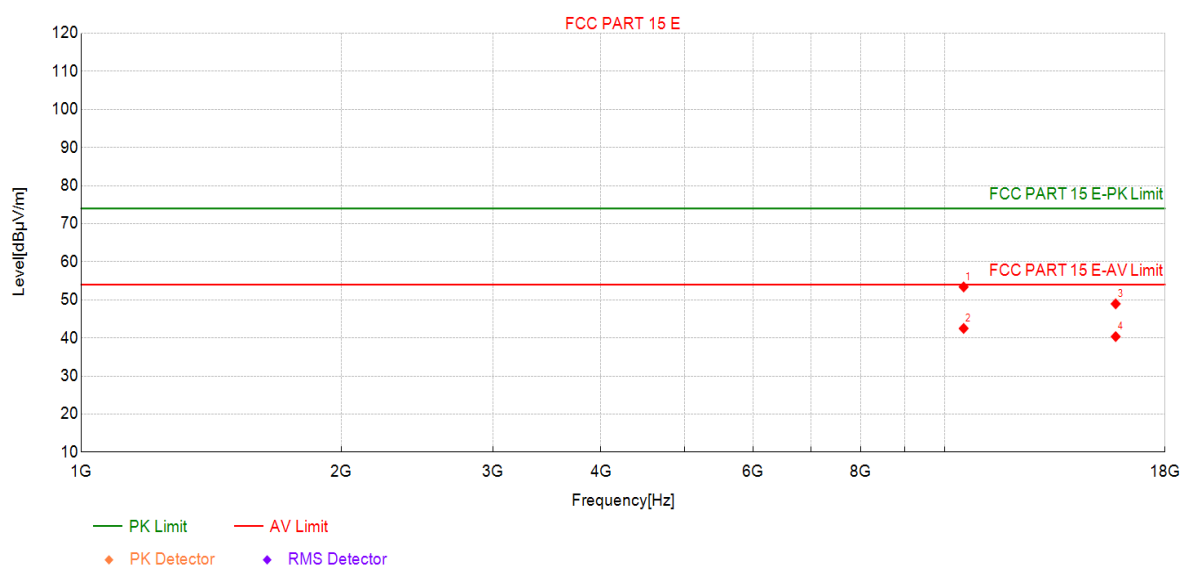
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5260MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10520	46.64	53.40	6.76	74.00	20.60	PK	Vertic	PASS
2	10520	35.73	42.49	6.76	54.00	11.51	AV	Vertic	PASS
3	15780	34.86	48.95	14.09	74.00	25.05	PK	Vertic	PASS
4	15780	26.27	40.36	14.09	54.00	13.64	AV	Vertic	PASS

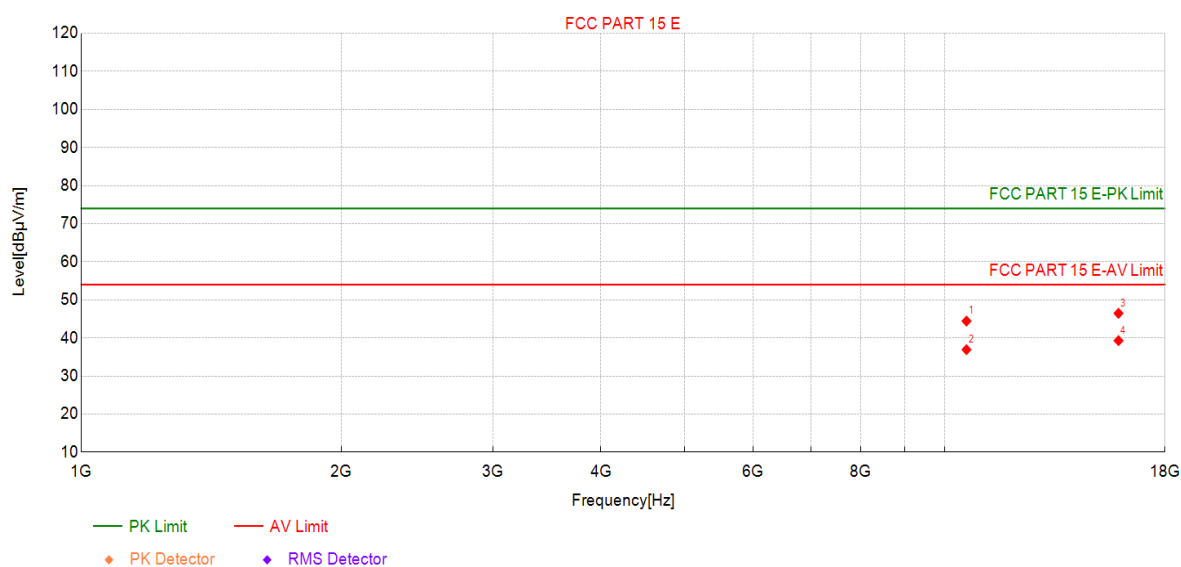
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5300MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10600	37.65	44.43	6.78	74.00	29.57	PK	Horizo	PASS
2	10600	30.14	36.92	6.78	54.00	17.08	AV	Horizo	PASS
3	15900	32.34	46.46	14.12	74.00	27.54	PK	Horizo	PASS
4	15900	25.17	39.29	14.12	54.00	14.71	AV	Horizo	PASS

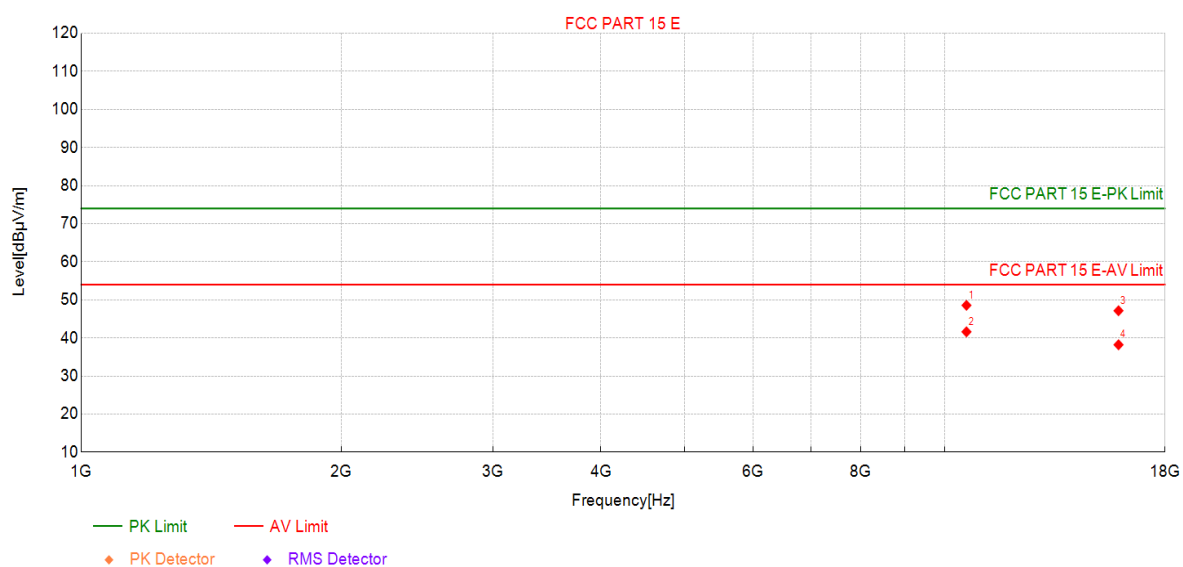
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5300MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10600	41.78	48.56	6.78	74.00	25.44	PK	Vertic	PASS
2	10600	34.82	41.60	6.78	54.00	12.40	AV	Vertic	PASS
3	15900	33.03	47.15	14.12	74.00	26.85	PK	Vertic	PASS
4	15900	24.08	38.20	14.12	54.00	15.80	AV	Vertic	PASS

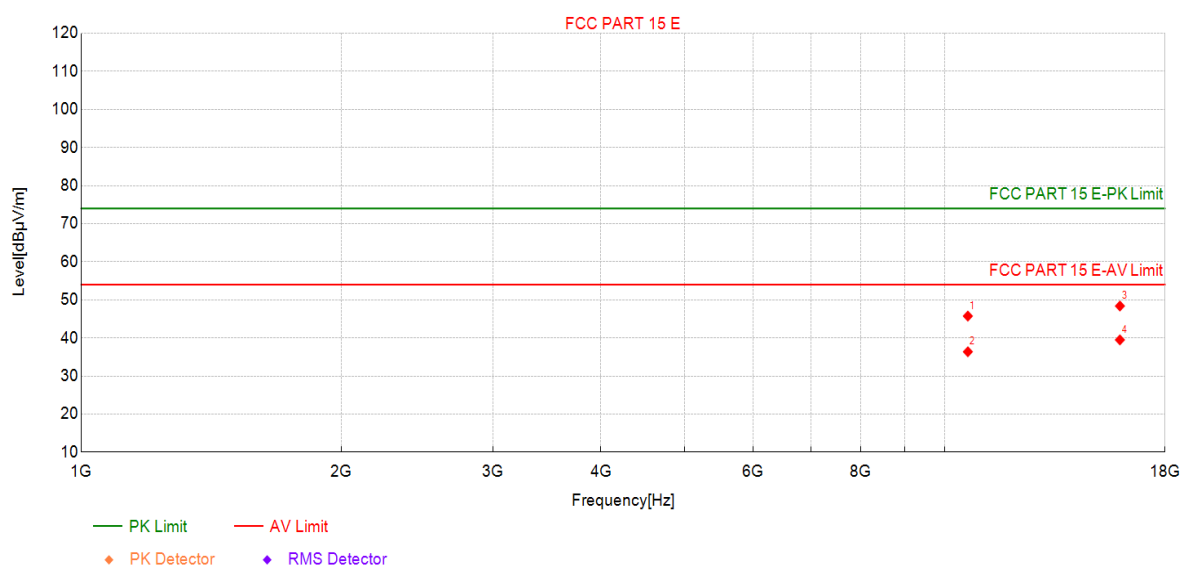
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5320MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640	38.94	45.74	6.80	74.00	28.26	PK	Horizo	PASS
2	10640	29.57	36.37	6.80	54.00	17.63	AV	Horizo	PASS
3	15960	33.75	48.38	14.63	74.00	25.62	PK	Horizo	PASS
4	15960	24.86	39.49	14.63	54.00	14.51	AV	Horizo	PASS

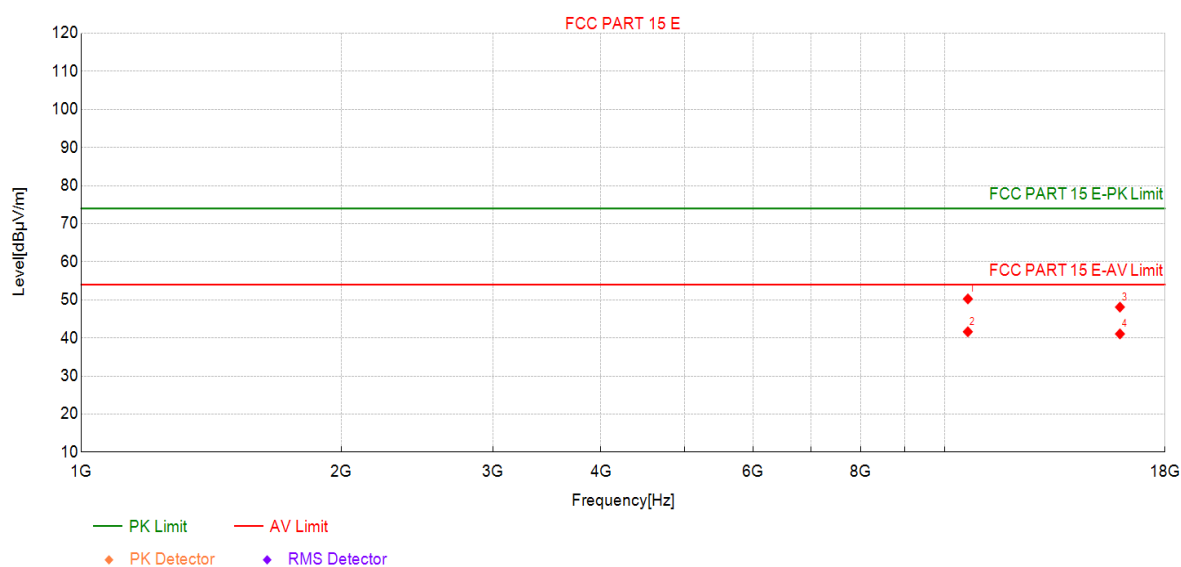
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5320MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640	43.45	50.25	6.80	74.00	23.75	PK	Vertic	PASS
2	10640	34.82	41.62	6.80	54.00	12.38	AV	Vertic	PASS
3	15960	33.47	48.10	14.63	74.00	25.90	PK	Vertic	PASS
4	15960	26.43	41.06	14.63	54.00	12.94	AV	Vertic	PASS

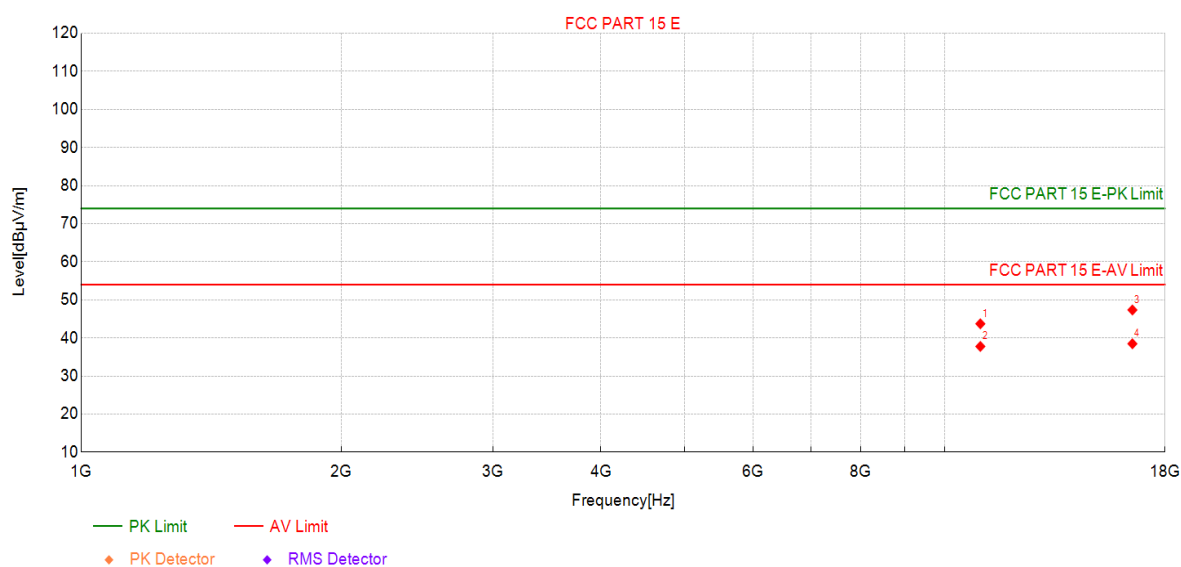
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5500MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11000	36.32	43.72	7.40	74.00	30.28	PK	Horizo	PASS
2	11000	30.37	37.77	7.40	54.00	16.23	AV	Horizo	PASS
3	16500	32.24	47.35	15.11	74.00	26.65	PK	Horizo	PASS
4	16500	23.36	38.47	15.11	54.00	15.53	AV	Horizo	PASS

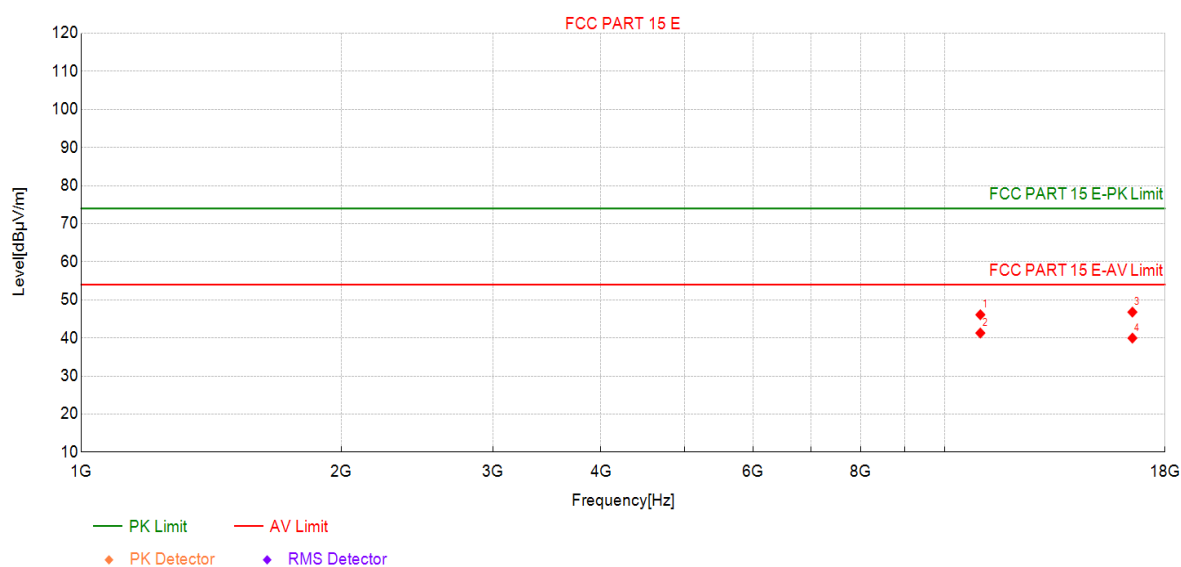
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5500MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11000	38.69	46.09	7.40	74.00	27.91	PK	Vertic	PASS
2	11000	33.89	41.29	7.40	54.00	12.71	AV	Vertic	PASS
3	16500	31.68	46.79	15.11	74.00	27.21	PK	Vertic	PASS
4	16500	24.85	39.96	15.11	54.00	14.04	AV	Vertic	PASS

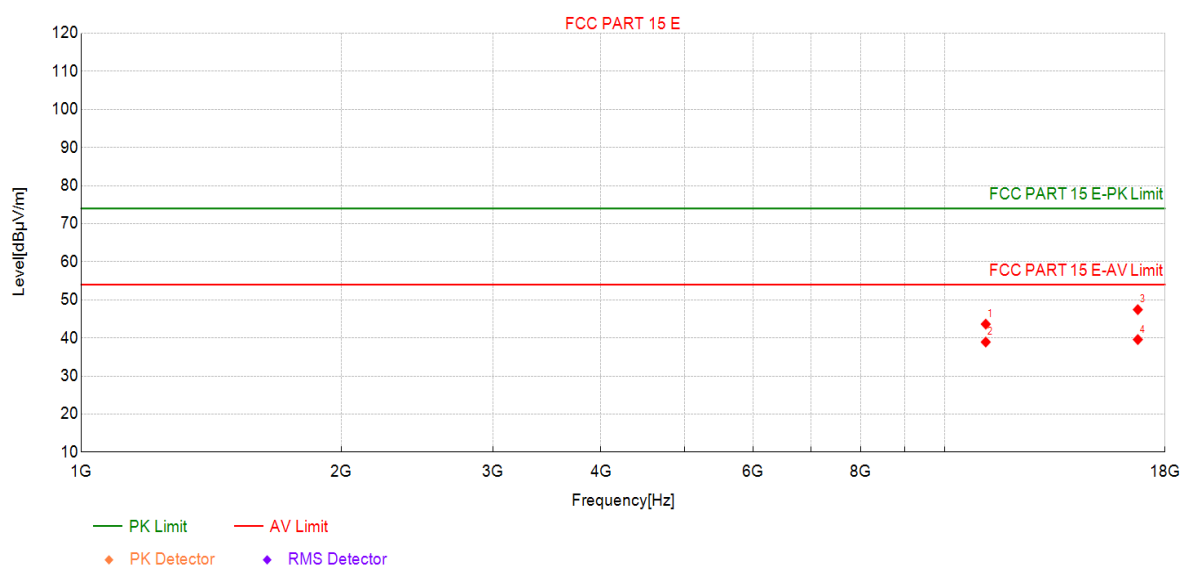
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5580MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11160	36.34	43.63	7.29	74.00	30.37	PK	Horizo	PASS
2	11160	31.63	38.92	7.29	54.00	15.08	AV	Horizo	PASS
3	16740	32.81	47.43	14.62	74.00	26.57	PK	Horizo	PASS
4	16740	24.96	39.58	14.62	54.00	14.42	AV	Horizo	PASS

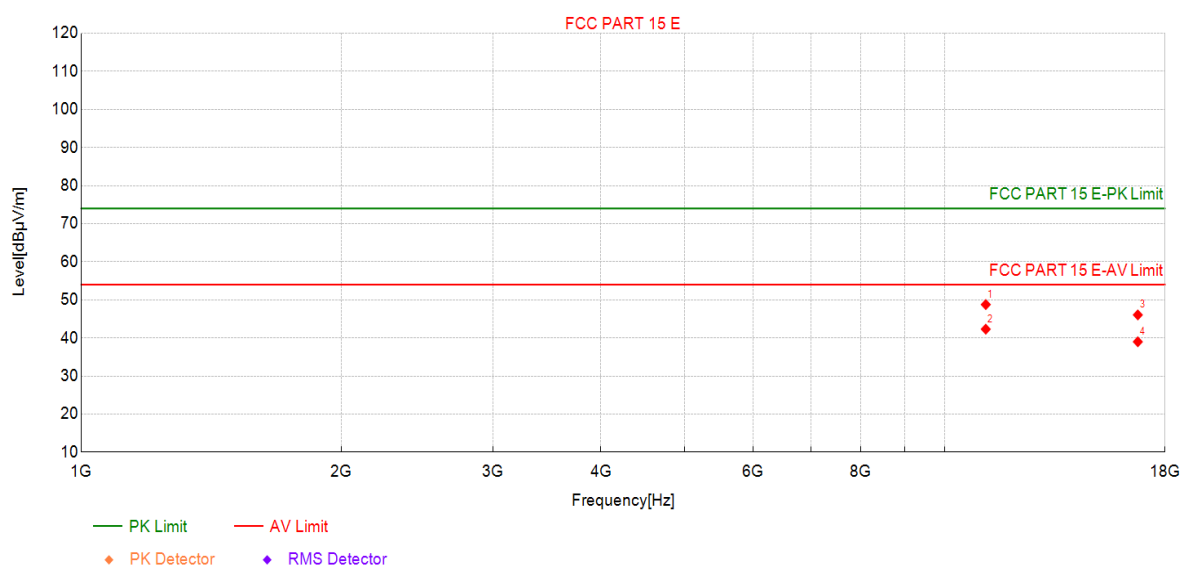
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5580MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11160	41.48	48.77	7.29	74.00	25.23	PK	Vertic	PASS
2	11160	35.01	42.30	7.29	54.00	11.70	AV	Vertic	PASS
3	16740	31.43	46.05	14.62	74.00	27.95	PK	Vertic	PASS
4	16740	24.37	38.99	14.62	54.00	15.01	AV	Vertic	PASS

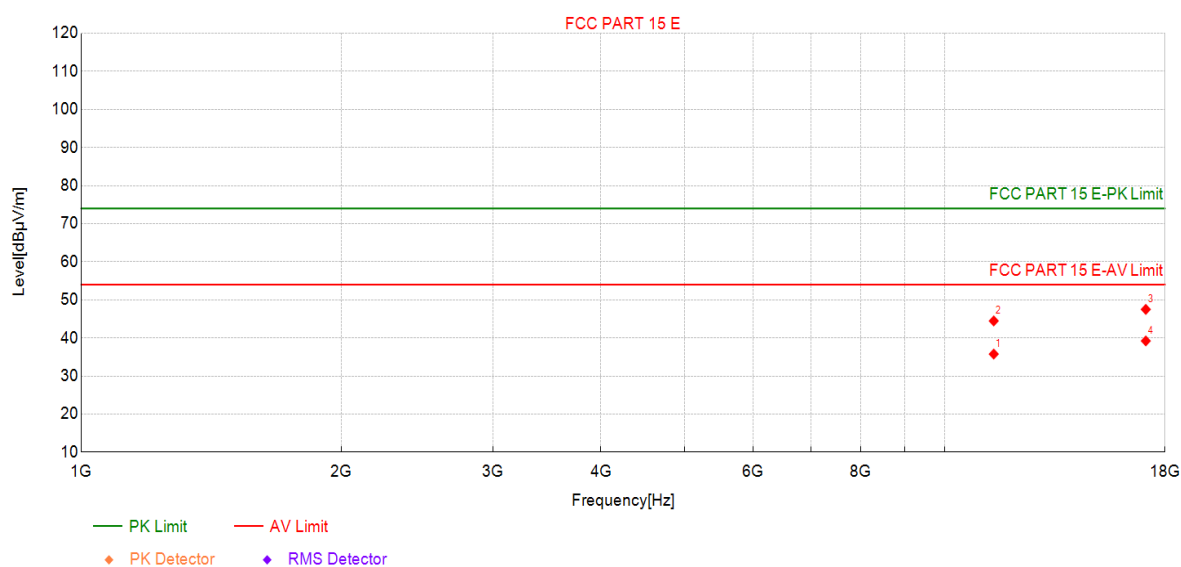
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5700MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11400	27.93	35.76	7.83	54.00	18.24	AV	Horizo	PASS
2	11400	36.64	44.47	7.83	74.00	29.53	PK	Horizo	PASS
3	17100	31.68	47.50	15.82	74.00	26.50	PK	Horizo	PASS
4	17100	23.39	39.21	15.82	54.00	14.79	AV	Horizo	PASS

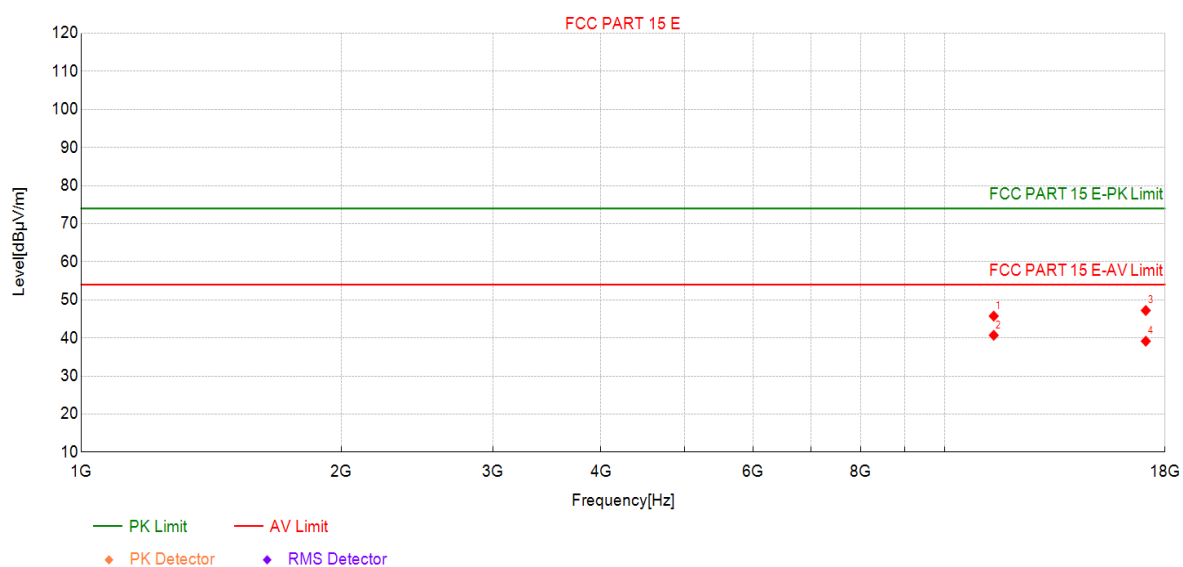
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5700MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11400	37.91	45.74	7.83	74.00	28.26	PK	Vertic	PASS
2	11400	32.87	40.70	7.83	54.00	13.30	AV	Vertic	PASS
3	17100	31.39	47.21	15.82	74.00	26.79	PK	Vertic	PASS
4	17100	23.32	39.14	15.82	54.00	14.86	AV	Vertic	PASS

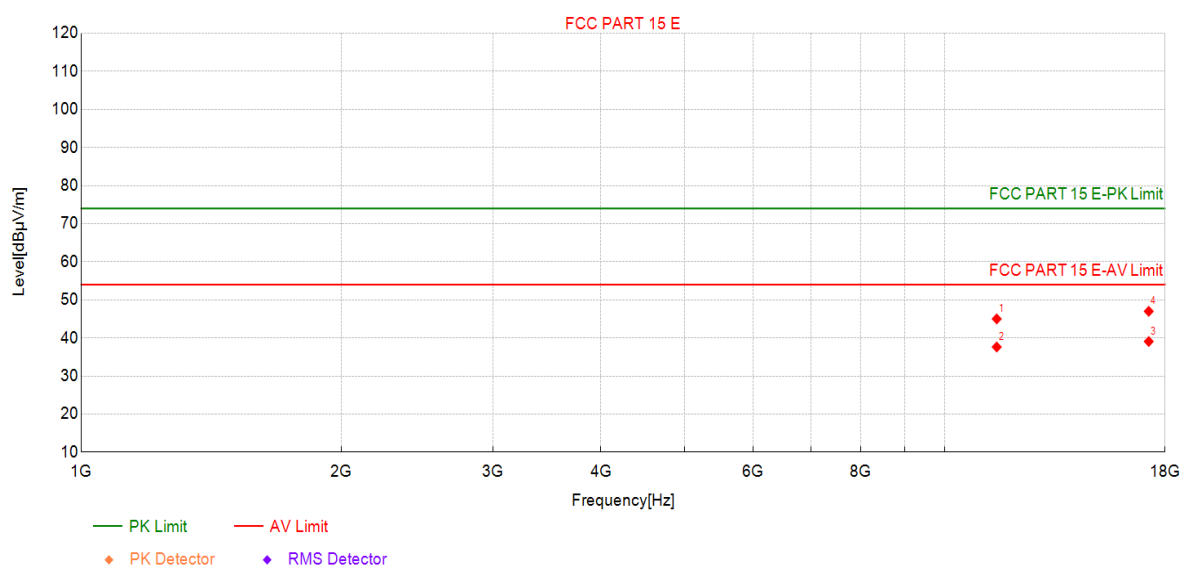
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5745MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11490	36.62	45.00	8.38	74.00	29.00	PK	Horizo	PASS
2	11490	29.24	37.62	8.38	54.00	16.38	AV	Horizo	PASS
3	17235	23.61	39.07	15.46	54.00	14.93	AV	Horizo	PASS
4	17235	31.54	47.00	15.46	74.00	27.00	PK	Horizo	PASS

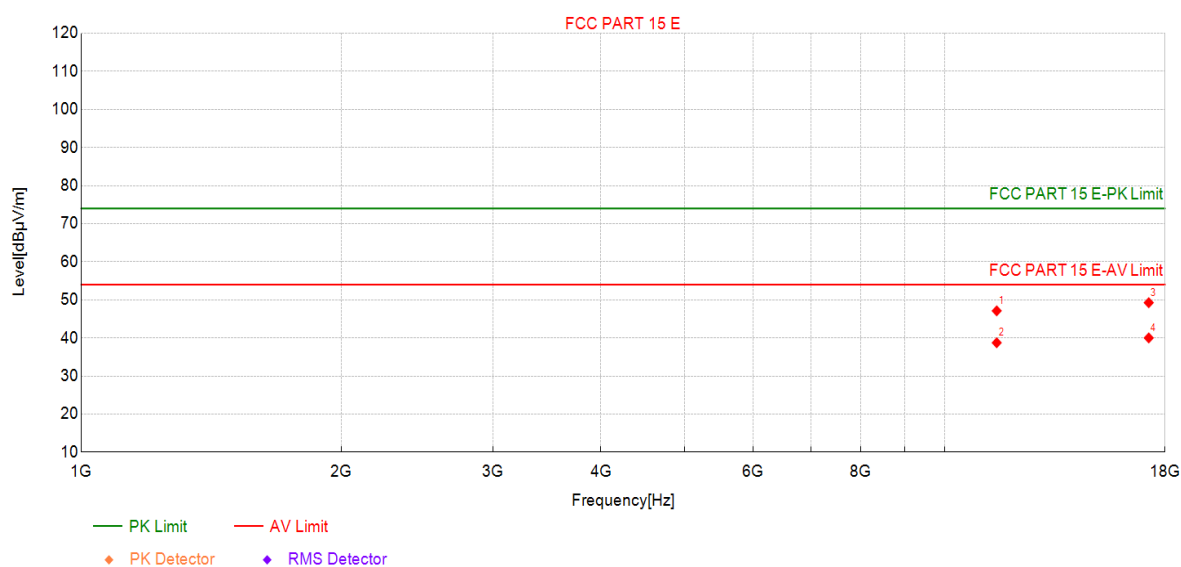
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5745MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11490	38.74	47.12	8.38	74.00	26.88	PK	Vertic	PASS
2	11490	30.35	38.73	8.38	54.00	15.27	AV	Vertic	PASS
3	17235	33.79	49.25	15.46	74.00	24.75	PK	Vertic	PASS
4	17235	24.55	40.01	15.46	54.00	13.99	AV	Vertic	PASS

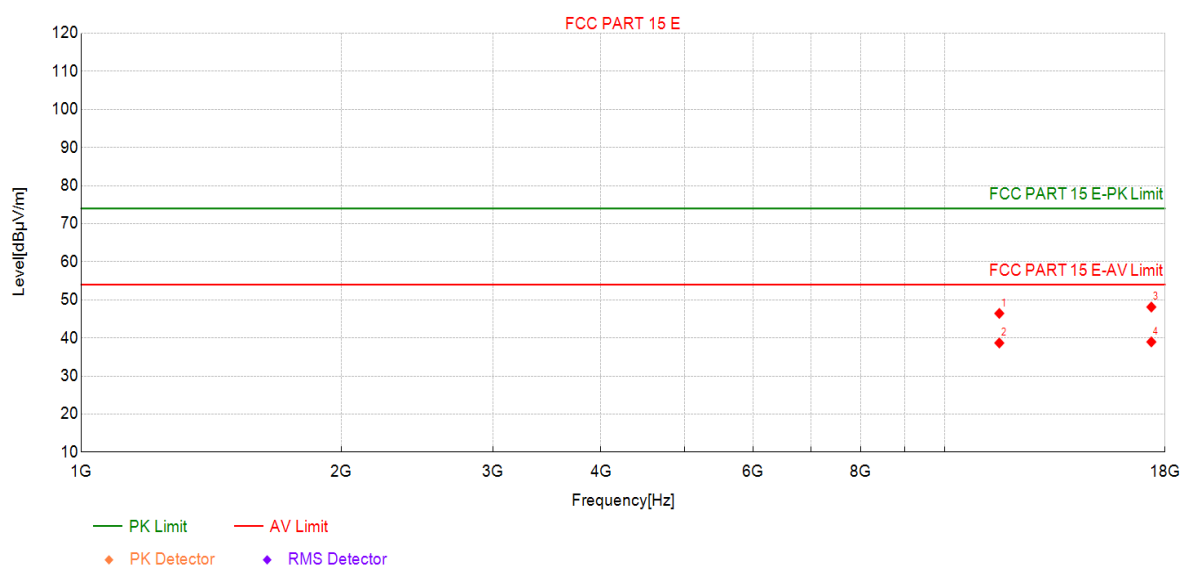
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5785MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11570	37.76	46.44	8.68	74.00	27.56	PK	Horizo	PASS
2	11570	29.99	38.67	8.68	54.00	15.33	AV	Horizo	PASS
3	17355	31.90	48.12	16.22	74.00	25.88	PK	Horizo	PASS
4	17355	22.73	38.95	16.22	54.00	15.05	AV	Horizo	PASS

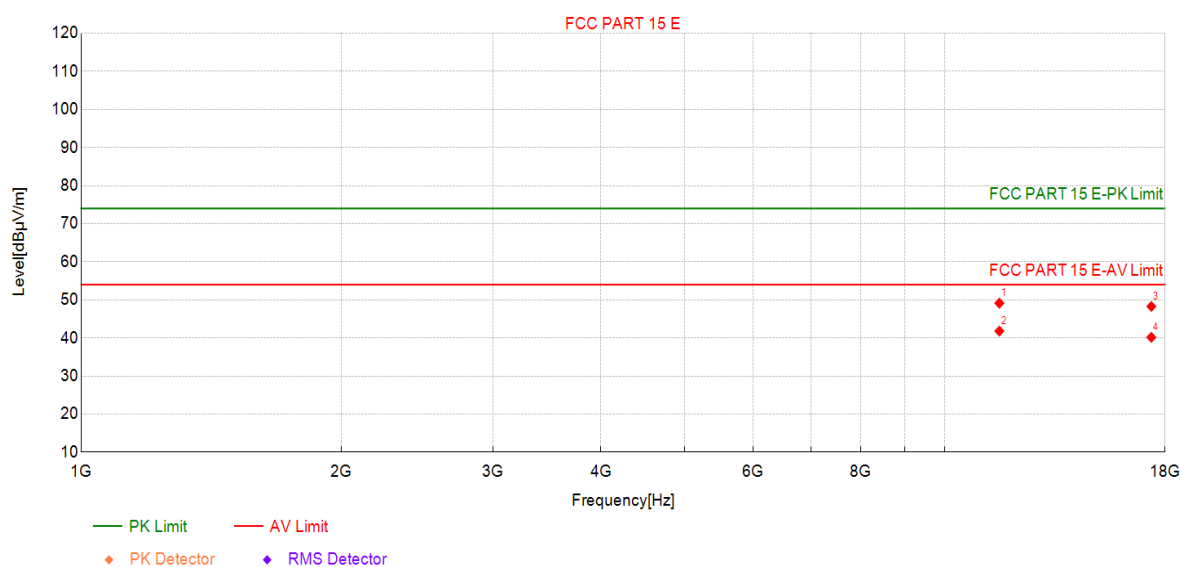
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5785MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11570	40.46	49.14	8.68	74.00	24.86	PK	Vertic	PASS
2	11570	33.12	41.80	8.68	54.00	12.20	AV	Vertic	PASS
3	17355	32.06	48.28	16.22	74.00	25.72	PK	Vertic	PASS
4	17355	23.95	40.17	16.22	54.00	13.83	AV	Vertic	PASS

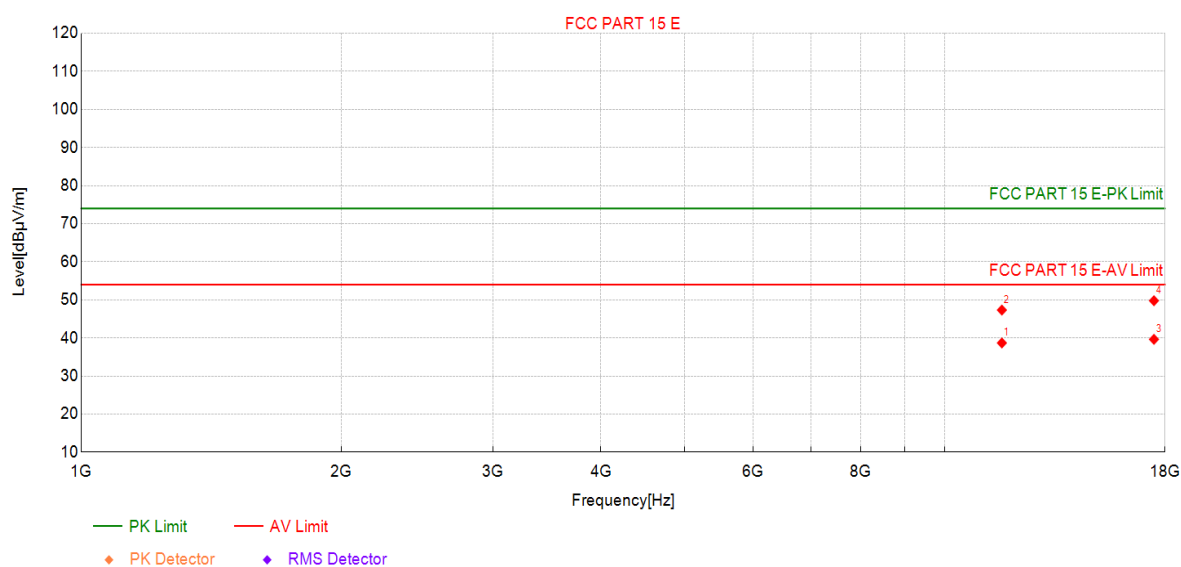
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5825MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11650	29.94	38.68	8.74	54.00	15.32	AV	Horizo	PASS
2	11650	38.58	47.32	8.74	74.00	26.68	PK	Horizo	PASS
3	17475	22.56	39.63	17.07	54.00	14.37	AV	Horizo	PASS
4	17475	32.71	49.78	17.07	74.00	24.22	PK	Horizo	PASS

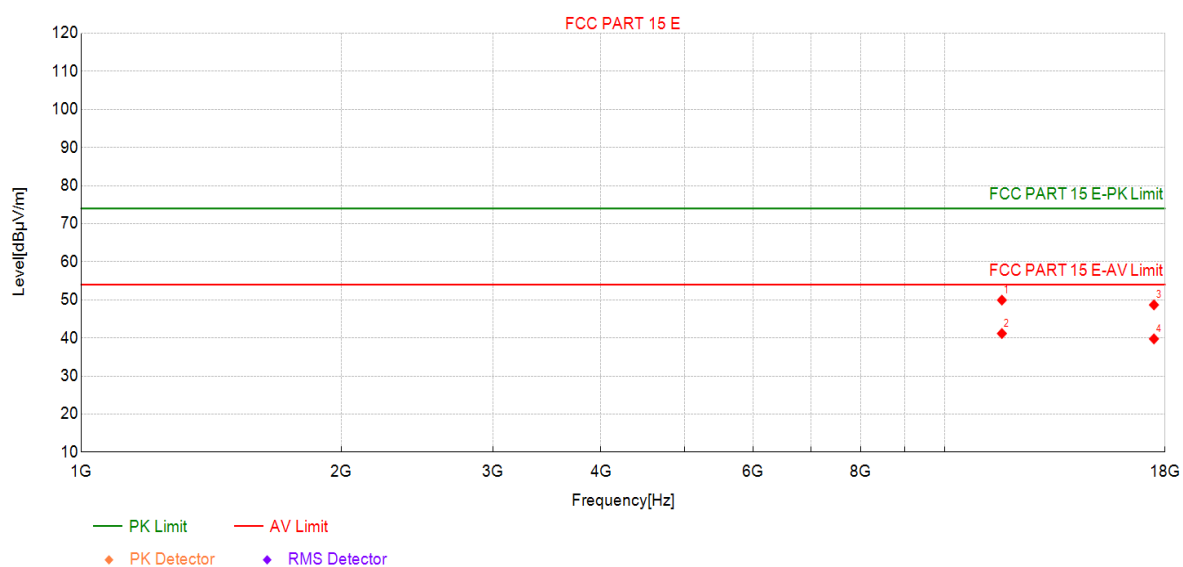
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 1:Transmit at 5825MHz by 802.11a(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11650	41.20	49.94	8.74	74.00	24.06	PK	Vertic	PASS
2	11650	32.42	41.16	8.74	54.00	12.84	AV	Vertic	PASS
3	17475	31.61	48.68	17.07	74.00	25.32	PK	Vertic	PASS
4	17475	22.68	39.75	17.07	54.00	14.25	AV	Vertic	PASS

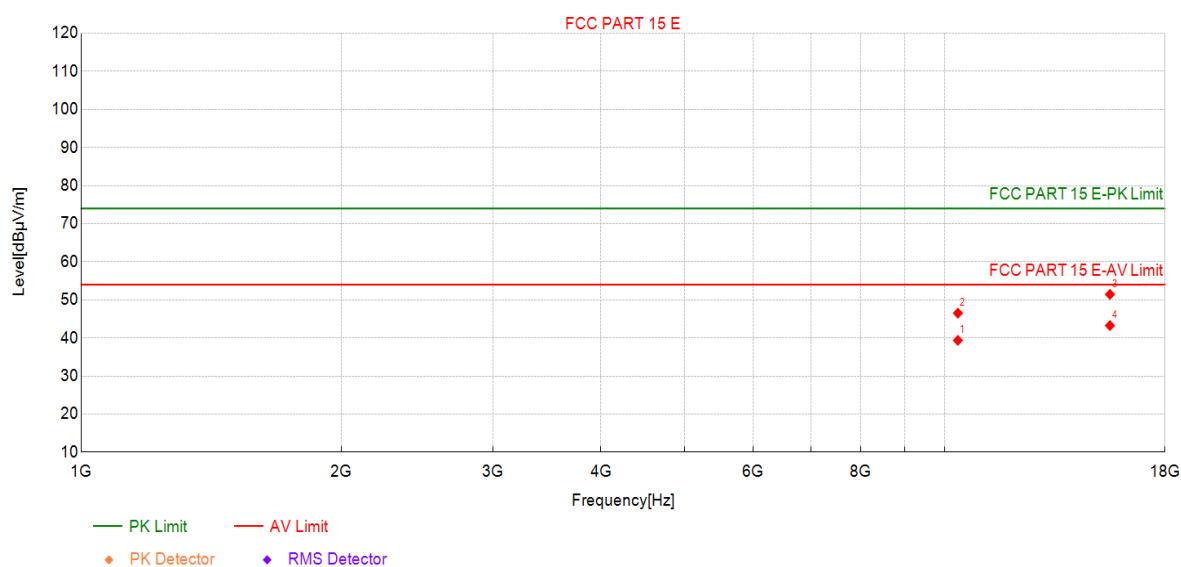
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5180MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360	32.79	39.37	6.58	54.00	14.63	AV	Horizo	PASS
2	10360	39.93	46.51	6.58	74.00	27.49	PK	Horizo	PASS
3	15540	37.54	51.44	13.90	74.00	22.56	PK	Horizo	PASS
4	15540	29.37	43.27	13.90	54.00	10.73	AV	Horizo	PASS

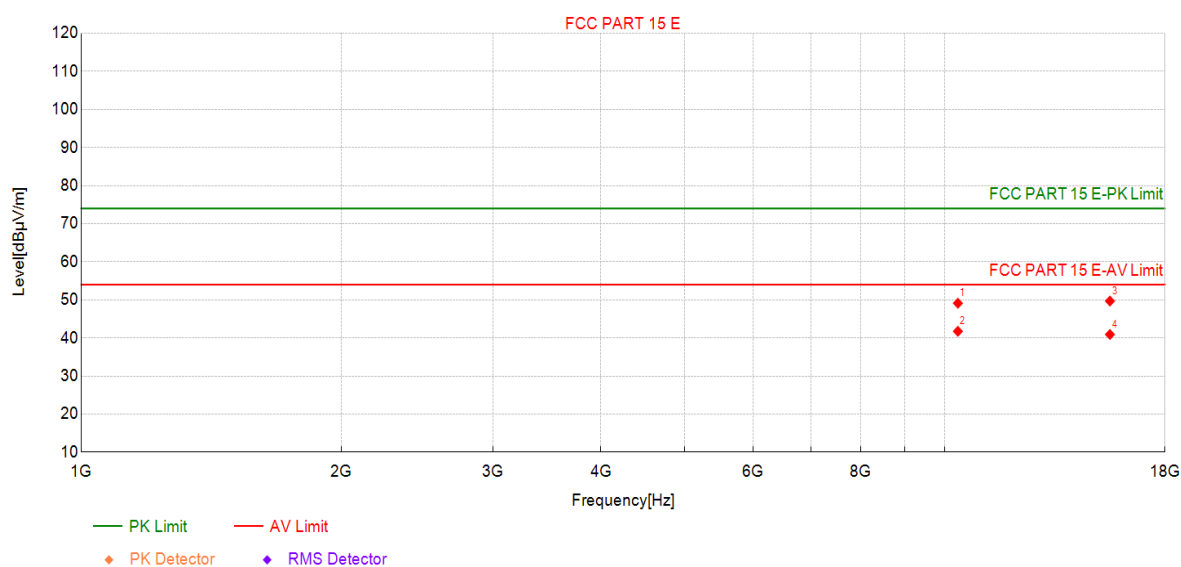
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5180MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360	42.54	49.12	6.58	74.00	24.88	PK	Vertic	PASS
2	10360	35.16	41.74	6.58	54.00	12.26	AV	Vertic	PASS
3	15540	35.79	49.69	13.90	74.00	24.31	PK	Vertic	PASS
4	15540	27.02	40.92	13.90	54.00	13.08	AV	Vertic	PASS

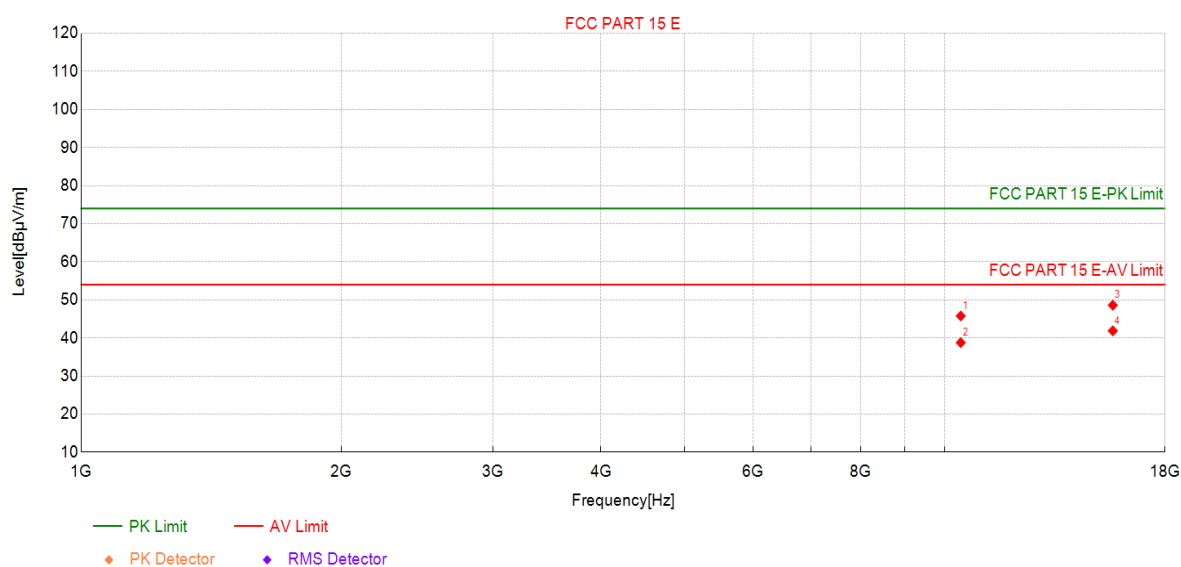
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5220MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10440	39.13	45.77	6.64	74.00	28.23	PK	Horizo	PASS
2	10440	32.13	38.77	6.64	54.00	15.23	AV	Horizo	PASS
3	15660	34.51	48.60	14.09	74.00	25.40	PK	Horizo	PASS
4	15660	27.77	41.86	14.09	54.00	12.14	AV	Horizo	PASS

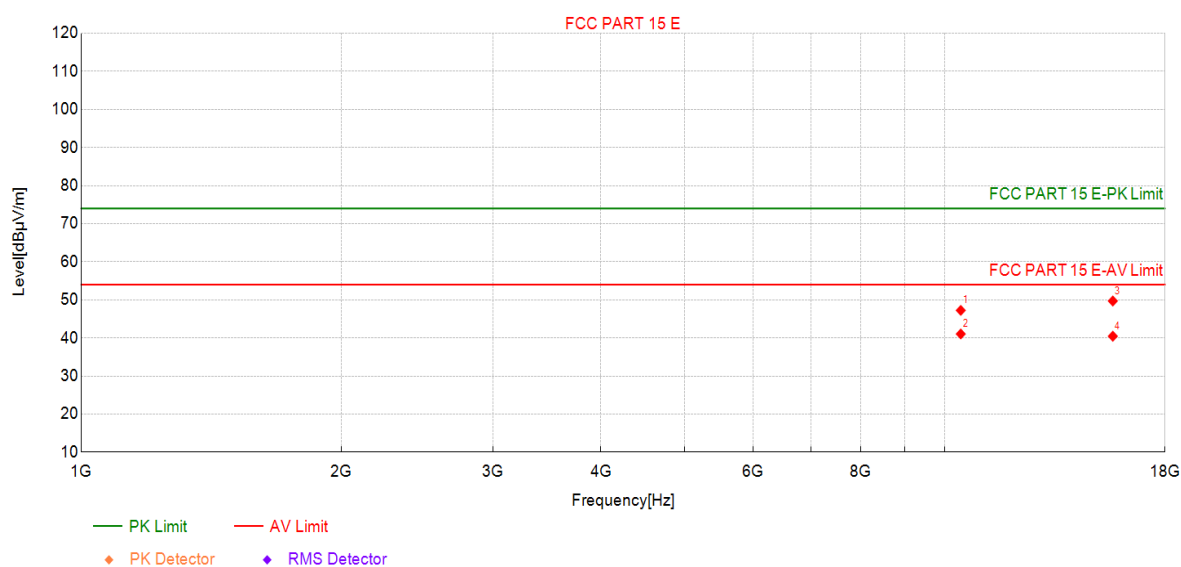
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5220MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10440	40.60	47.24	6.64	74.00	26.76	PK	Vertic	PASS
2	10440	34.41	41.05	6.64	54.00	12.95	AV	Vertic	PASS
3	15660	35.61	49.70	14.09	74.00	24.30	PK	Vertic	PASS
4	15660	26.37	40.46	14.09	54.00	13.54	AV	Vertic	PASS

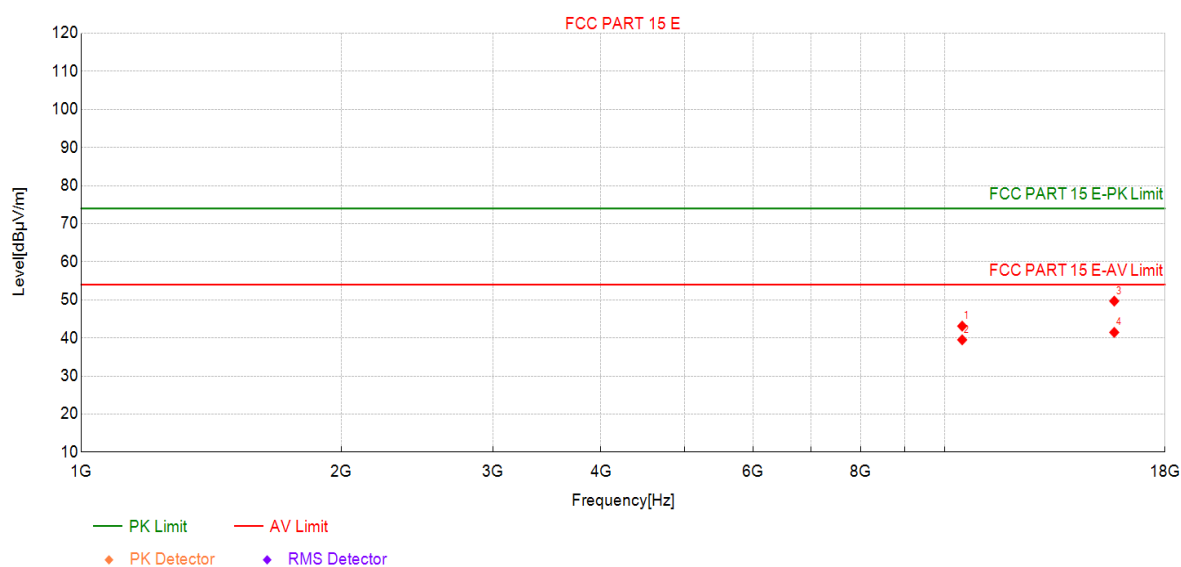
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5240MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10480	36.40	43.11	6.71	74.00	30.89	PK	Horizo	PASS
2	10480	32.79	39.50	6.71	54.00	14.50	AV	Horizo	PASS
3	15720	35.26	49.67	14.41	74.00	24.33	PK	Horizo	PASS
4	15720	27.05	41.46	14.41	54.00	12.54	AV	Horizo	PASS

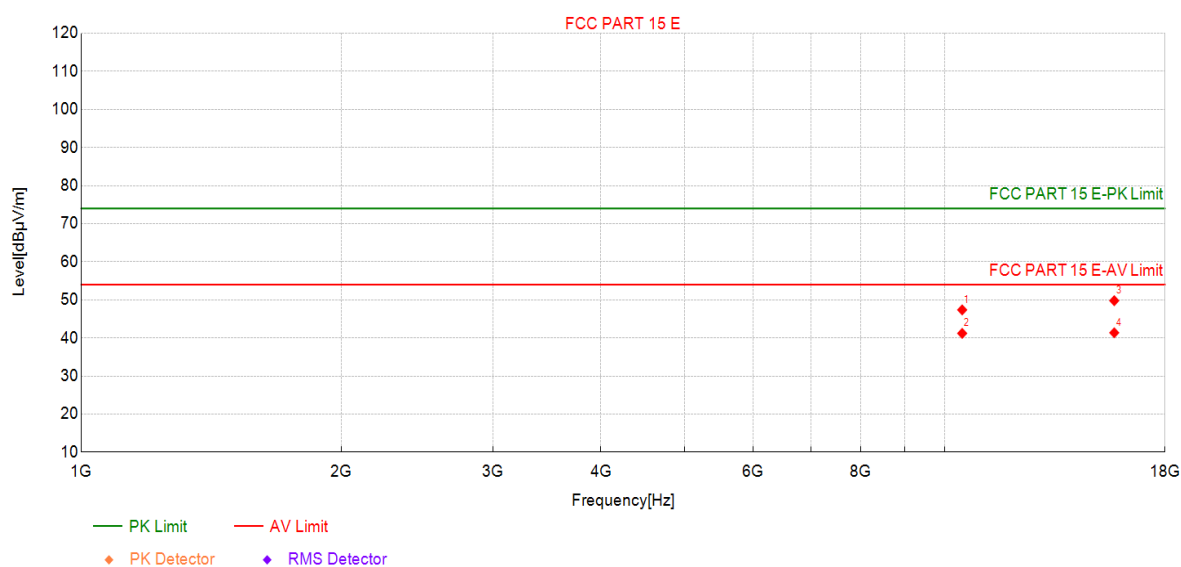
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5240MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10480	40.66	47.37	6.71	74.00	26.63	PK	Vertic	PASS
2	10480	34.49	41.20	6.71	54.00	12.80	AV	Vertic	PASS
3	15720	35.38	49.79	14.41	74.00	24.21	PK	Vertic	PASS
4	15720	26.95	41.36	14.41	54.00	12.64	AV	Vertic	PASS

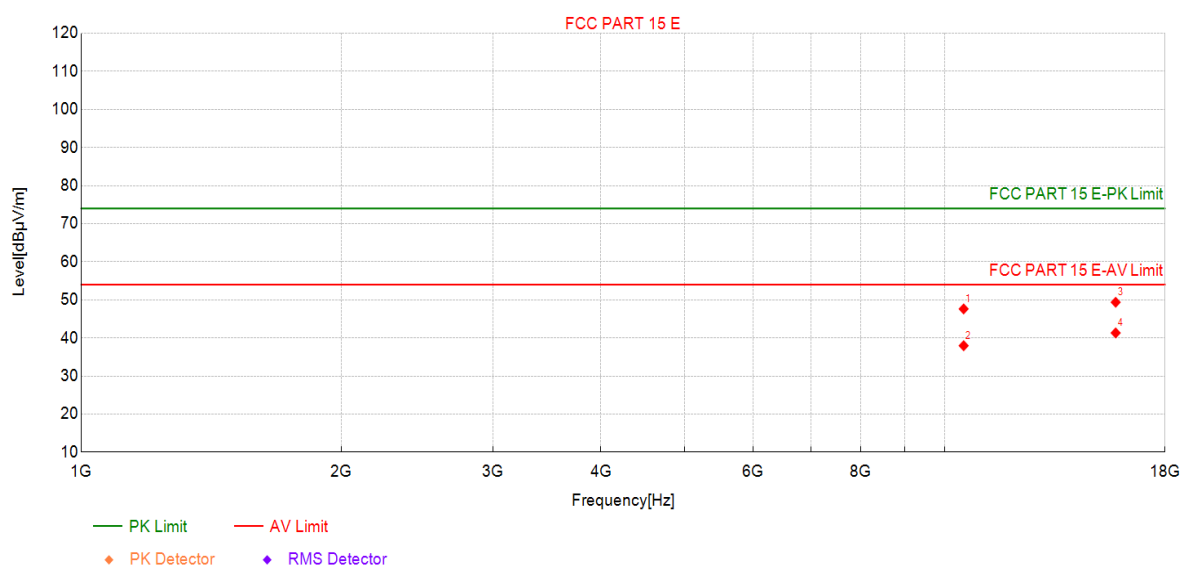
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5260MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10520	40.86	47.62	6.76	74.00	26.38	PK	Horizo	PASS
2	10520	31.20	37.96	6.76	54.00	16.04	AV	Horizo	PASS
3	15780	35.28	49.37	14.09	74.00	24.63	PK	Horizo	PASS
4	15780	27.23	41.32	14.09	54.00	12.68	AV	Horizo	PASS

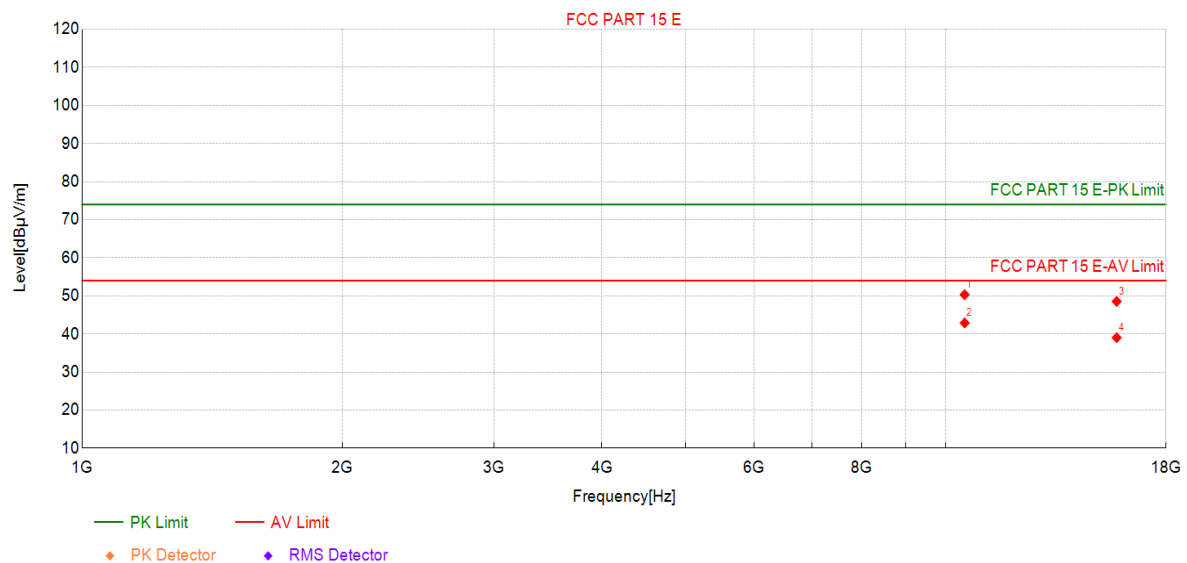
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5260MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10520	43.55	50.31	6.76	74.00	23.69	PK	Vertic	PASS
2	10520	36.13	42.89	6.76	54.00	11.11	AV	Vertic	PASS
3	15780	34.44	48.53	14.09	74.00	25.47	PK	Vertic	PASS
4	15780	24.92	39.01	14.09	54.00	14.99	AV	Vertic	PASS

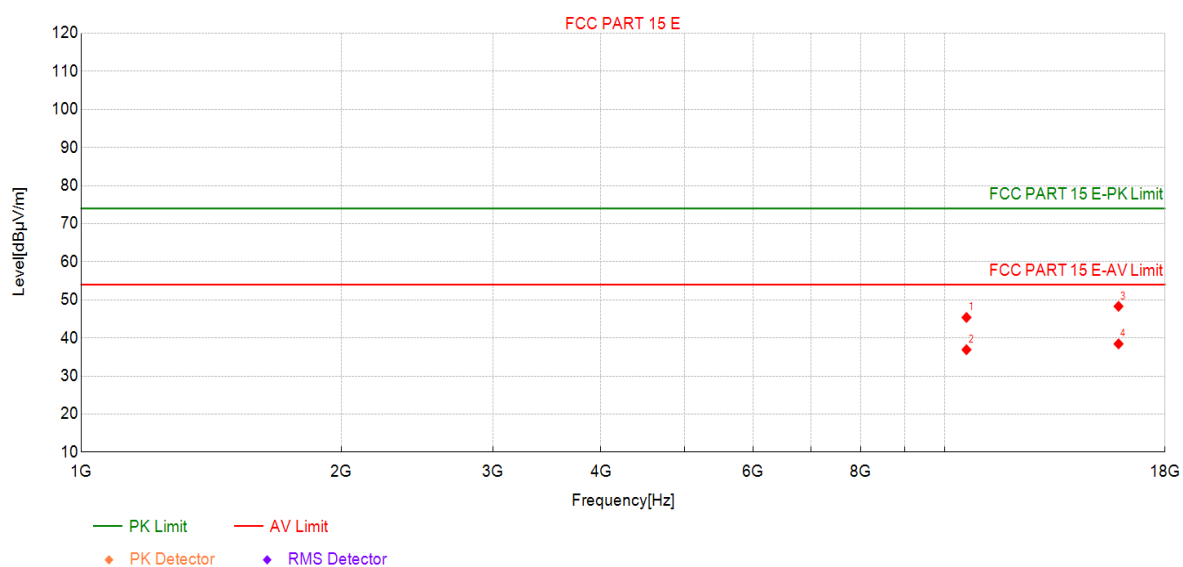
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5300MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10600	38.60	45.38	6.78	74.00	28.62	PK	Horizo	PASS
2	10600	30.13	36.91	6.78	54.00	17.09	AV	Horizo	PASS
3	15900	34.18	48.30	14.12	74.00	25.70	PK	Horizo	PASS
4	15900	24.31	38.43	14.12	54.00	15.57	AV	Horizo	PASS

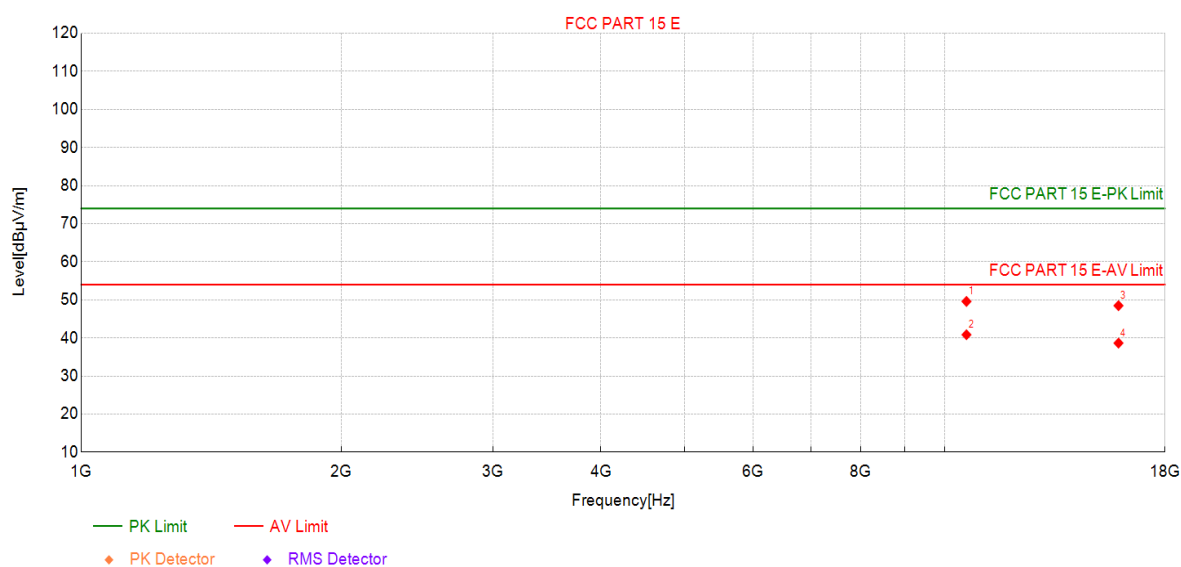
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5300MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10600	42.81	49.59	6.78	74.00	24.41	PK	Vertic	PASS
2	10600	34.06	40.84	6.78	54.00	13.16	AV	Vertic	PASS
3	15900	34.36	48.48	14.12	74.00	25.52	PK	Vertic	PASS
4	15900	24.53	38.65	14.12	54.00	15.35	AV	Vertic	PASS

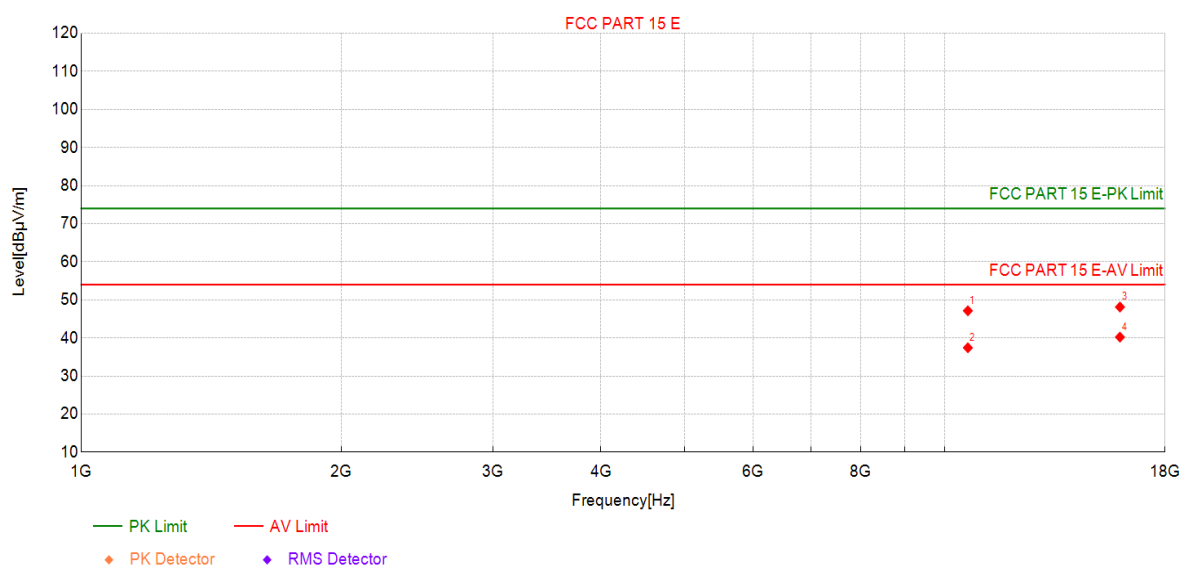
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5320MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640	40.33	47.13	6.80	74.00	26.87	PK	Horizo	PASS
2	10640	30.62	37.42	6.80	54.00	16.58	AV	Horizo	PASS
3	15960	33.49	48.12	14.63	74.00	25.88	PK	Horizo	PASS
4	15960	25.59	40.22	14.63	54.00	13.78	AV	Horizo	PASS

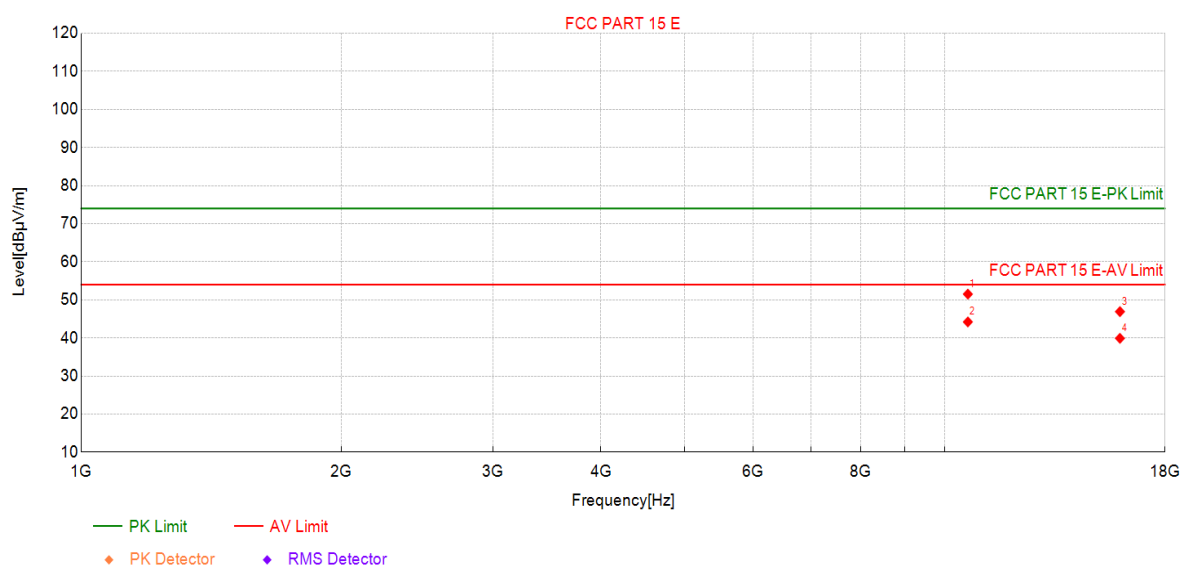
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5320MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640	44.71	51.51	6.80	74.00	22.49	PK	Vertic	PASS
2	10640	37.41	44.21	6.80	54.00	9.79	AV	Vertic	PASS
3	15960	32.28	46.91	14.63	74.00	27.09	PK	Vertic	PASS
4	15960	25.27	39.90	14.63	54.00	14.10	AV	Vertic	PASS

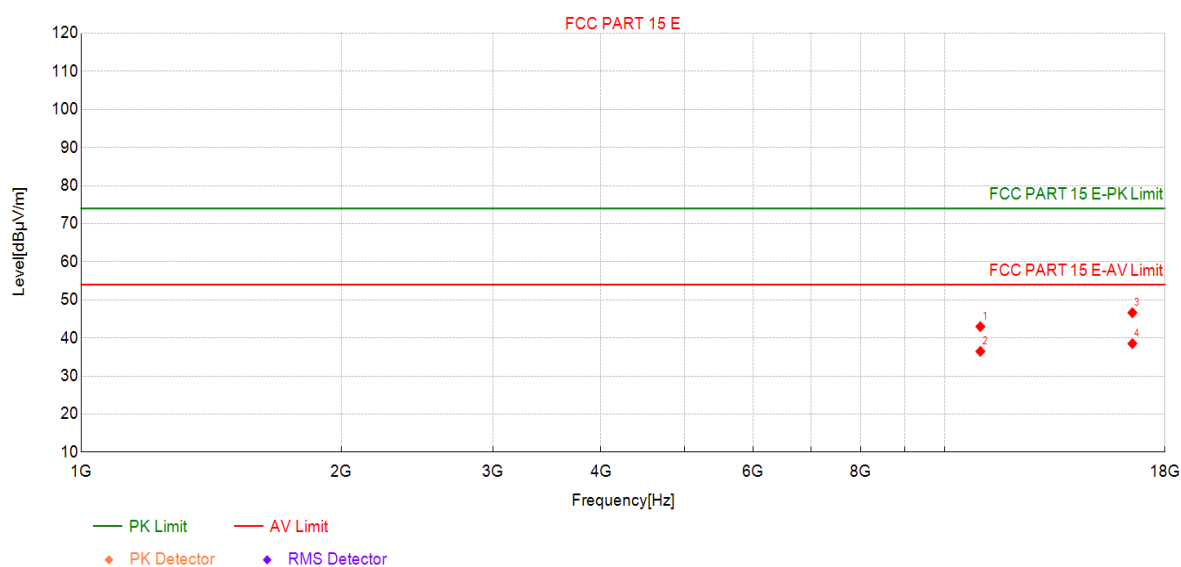
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11000	35.58	42.98	7.40	74.00	31.02	PK	Horizo	PASS
2	11000	29.07	36.47	7.40	54.00	17.53	AV	Horizo	PASS
3	16500	31.51	46.62	15.11	74.00	27.38	PK	Horizo	PASS
4	16500	23.41	38.52	15.11	54.00	15.48	AV	Horizo	PASS

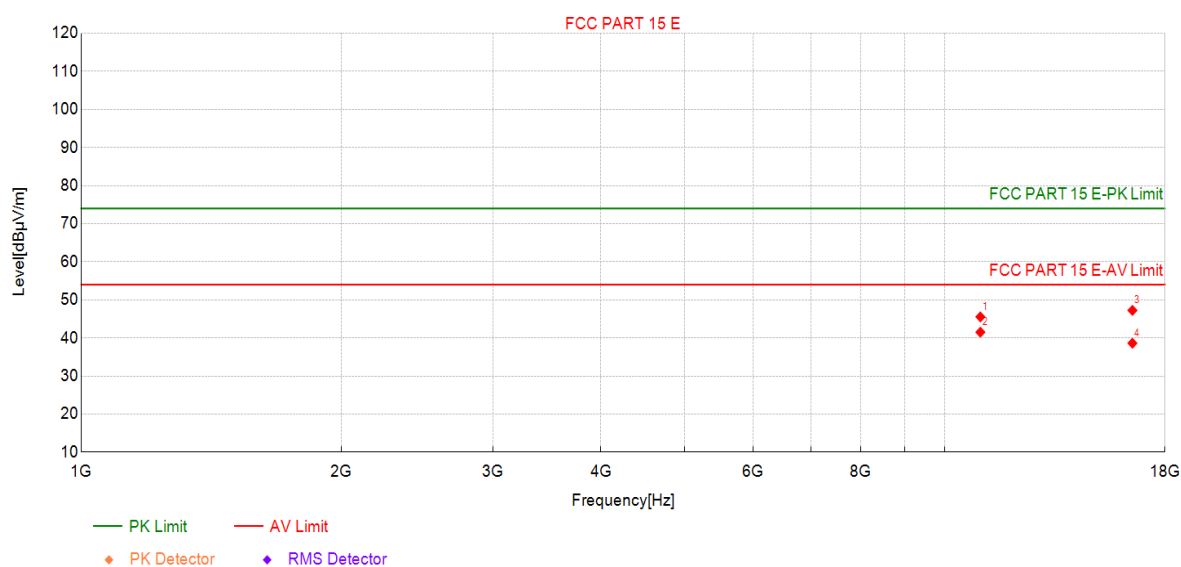
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5500MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11000	38.13	45.53	7.40	74.00	28.47	PK	Vertic	PASS
2	11000	34.11	41.51	7.40	54.00	12.49	AV	Vertic	PASS
3	16500	32.13	47.24	15.11	74.00	26.76	PK	Vertic	PASS
4	16500	23.51	38.62	15.11	54.00	15.38	AV	Vertic	PASS

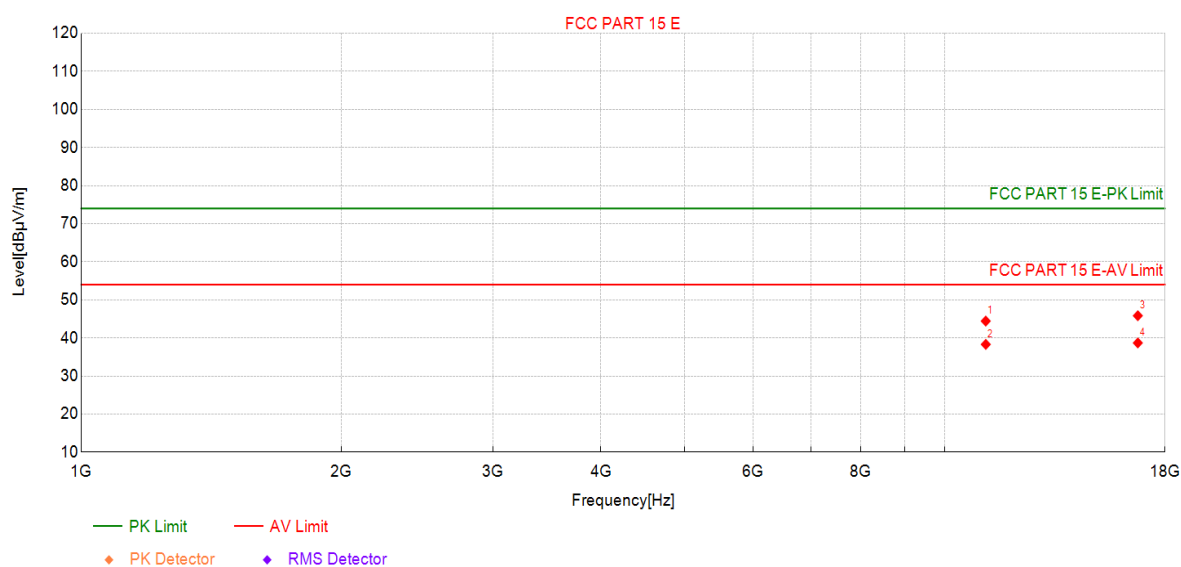
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5580MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11160	37.14	44.43	7.29	74.00	29.57	PK	Horizo	PASS
2	11160	31.01	38.30	7.29	54.00	15.70	AV	Horizo	PASS
3	16740	31.22	45.84	14.62	74.00	28.16	PK	Horizo	PASS
4	16740	24.07	38.69	14.62	54.00	15.31	AV	Horizo	PASS

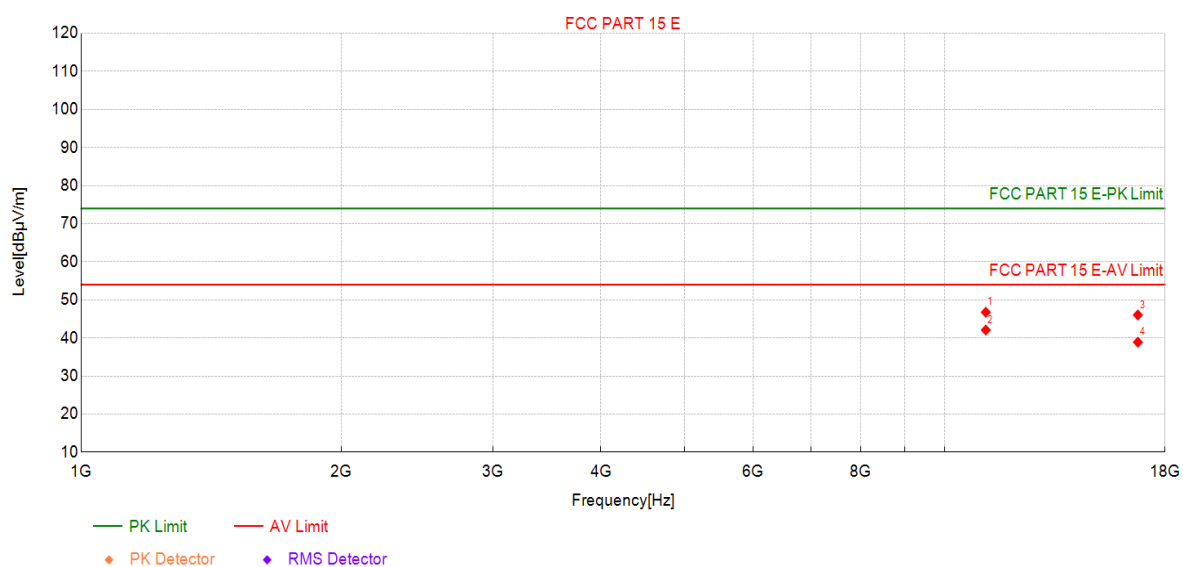
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5580MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11160	39.46	46.75	7.29	74.00	27.25	PK	Vertic	PASS
2	11160	34.79	42.08	7.29	54.00	11.92	AV	Vertic	PASS
3	16740	31.41	46.03	14.62	74.00	27.97	PK	Vertic	PASS
4	16740	24.27	38.89	14.62	54.00	15.11	AV	Vertic	PASS

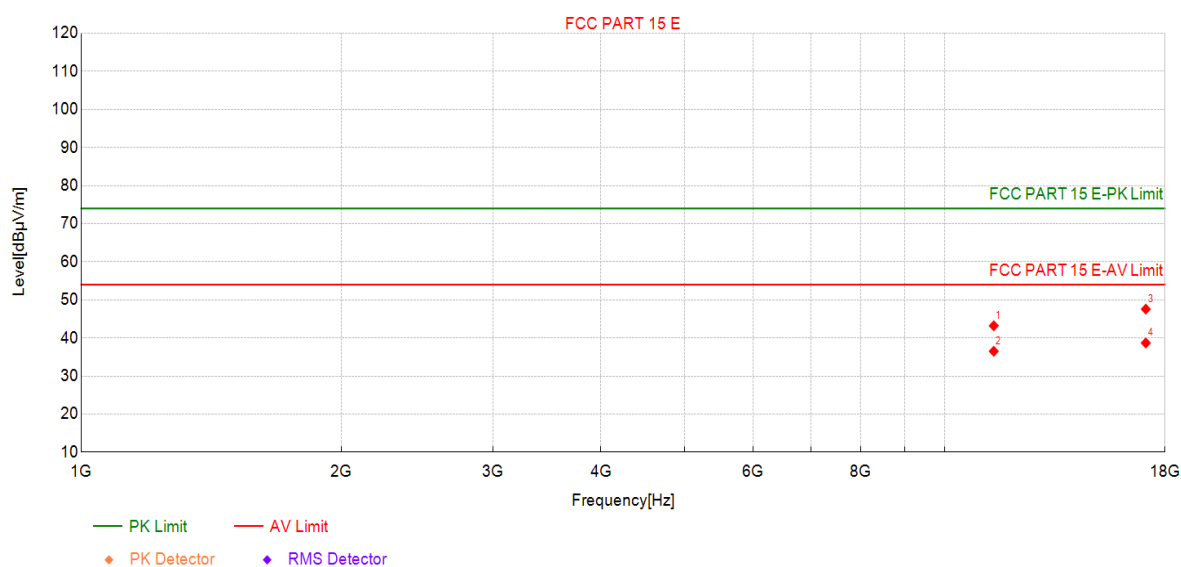
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5700MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11400	35.37	43.20	7.83	74.00	30.80	PK	Horizo	PASS
2	11400	28.67	36.50	7.83	54.00	17.50	AV	Horizo	PASS
3	17100	31.75	47.57	15.82	74.00	26.43	PK	Horizo	PASS
4	17100	22.86	38.68	15.82	54.00	15.32	AV	Horizo	PASS

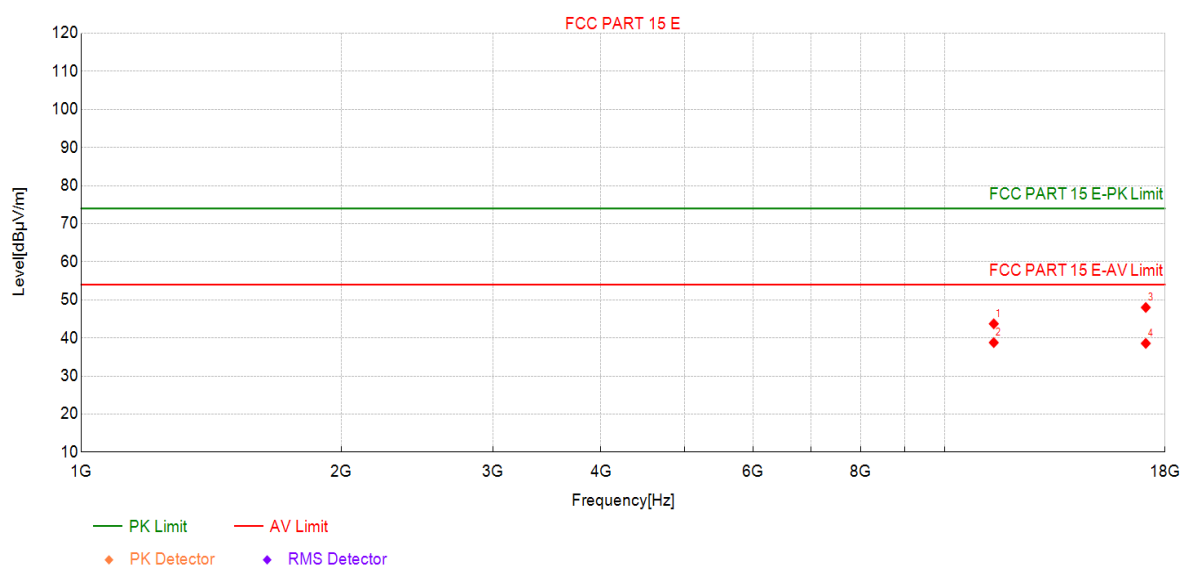
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5700MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11400	35.88	43.71	7.83	74.00	30.29	PK	Vertic	PASS
2	11400	30.95	38.78	7.83	54.00	15.22	AV	Vertic	PASS
3	17100	32.19	48.01	15.82	74.00	25.99	PK	Vertic	PASS
4	17100	22.75	38.57	15.82	54.00	15.43	AV	Vertic	PASS

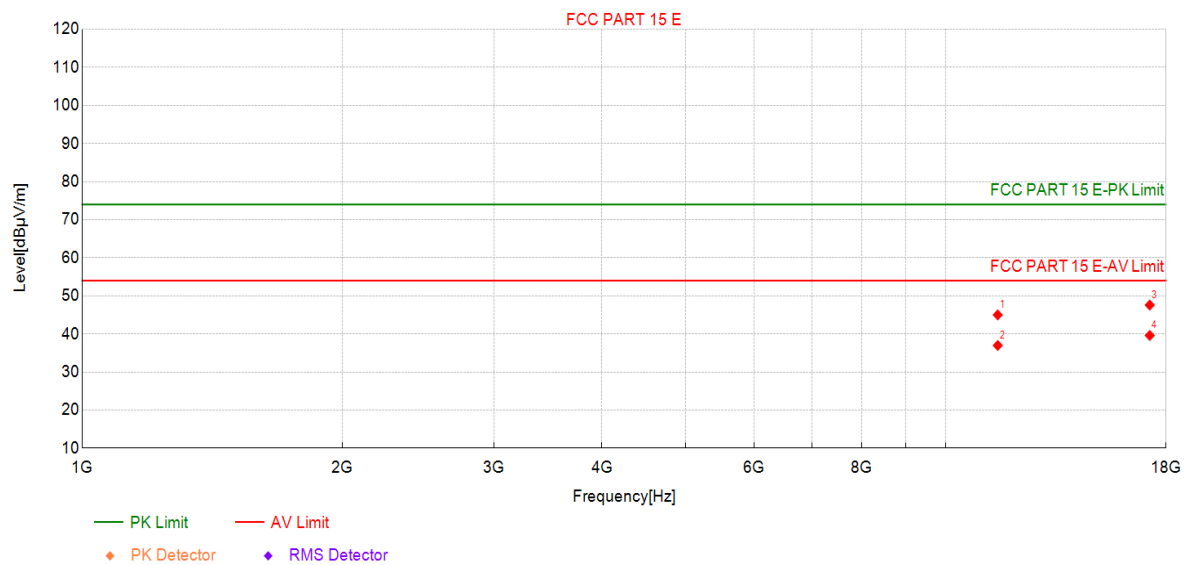
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5745MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11490	36.62	45.00	8.38	74.00	29.00	PK	Horizo	PASS
2	11490	28.59	36.97	8.38	54.00	17.03	AV	Horizo	PASS
3	17235	32.12	47.58	15.46	74.00	26.42	PK	Horizo	PASS
4	17235	24.14	39.60	15.46	54.00	14.40	AV	Horizo	PASS

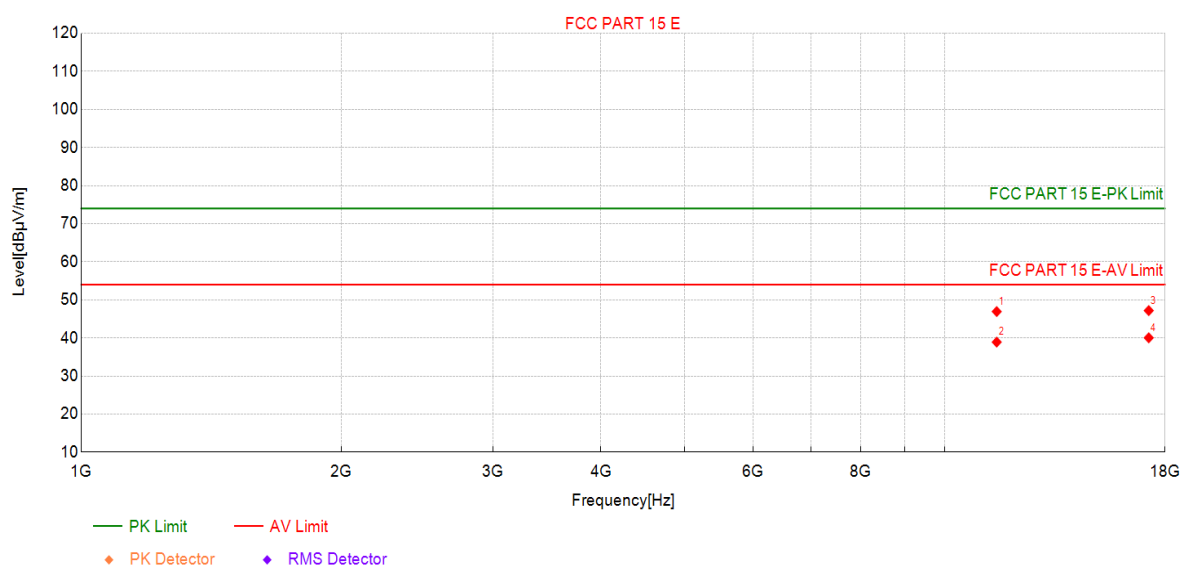
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5745MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11490	38.55	46.93	8.38	74.00	27.07	PK	Vertic	PASS
2	11490	30.52	38.90	8.38	54.00	15.10	AV	Vertic	PASS
3	17235	31.72	47.18	15.46	74.00	26.82	PK	Vertic	PASS
4	17235	24.58	40.04	15.46	54.00	13.96	AV	Vertic	PASS

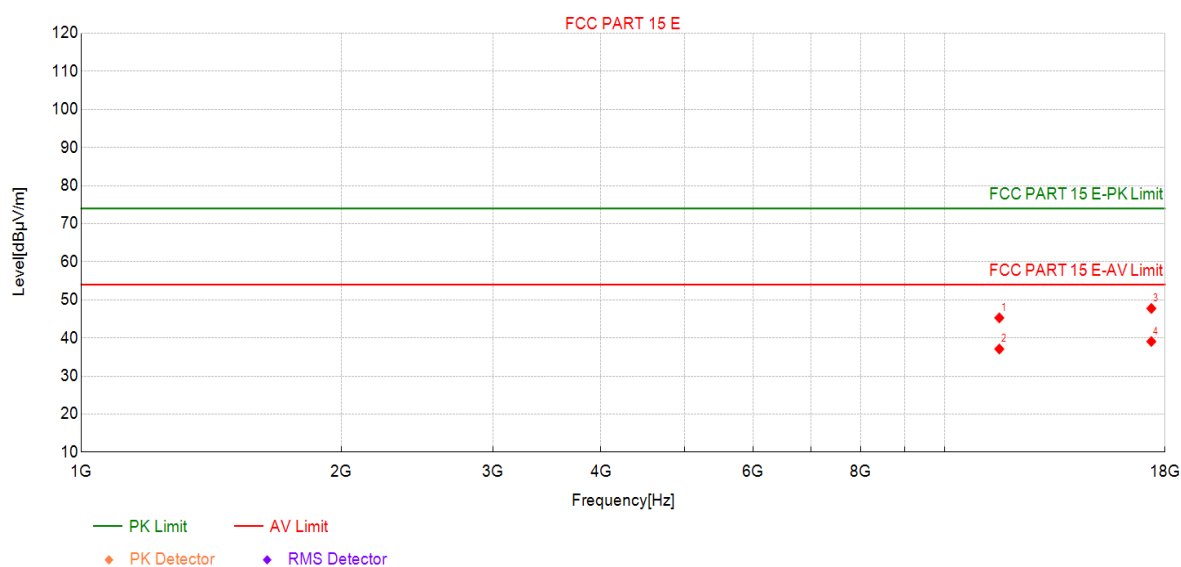
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5785MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11570	36.59	45.27	8.68	74.00	28.73	PK	Horizo	PASS
2	11570	28.41	37.09	8.68	54.00	16.91	AV	Horizo	PASS
3	17355	31.53	47.75	16.22	74.00	26.25	PK	Horizo	PASS
4	17355	22.84	39.06	16.22	54.00	14.94	AV	Horizo	PASS

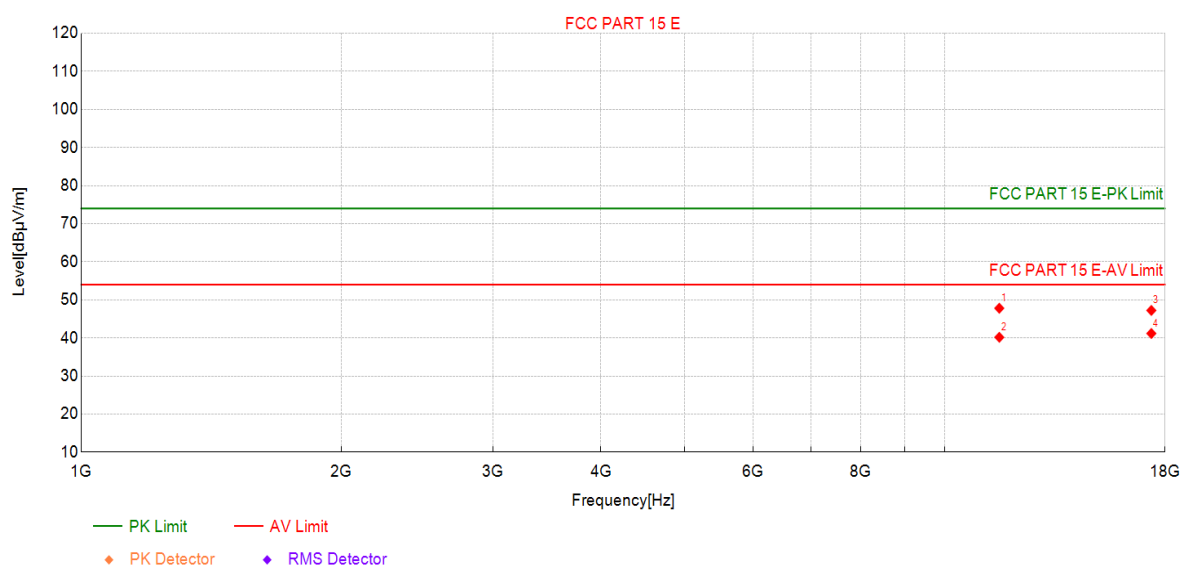
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5785MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11570	39.12	47.80	8.68	74.00	26.20	PK	Vertic	PASS
2	11570	31.49	40.17	8.68	54.00	13.83	AV	Vertic	PASS
3	17355	31.00	47.22	16.22	74.00	26.78	PK	Vertic	PASS
4	17355	24.95	41.17	16.22	54.00	12.83	AV	Vertic	PASS

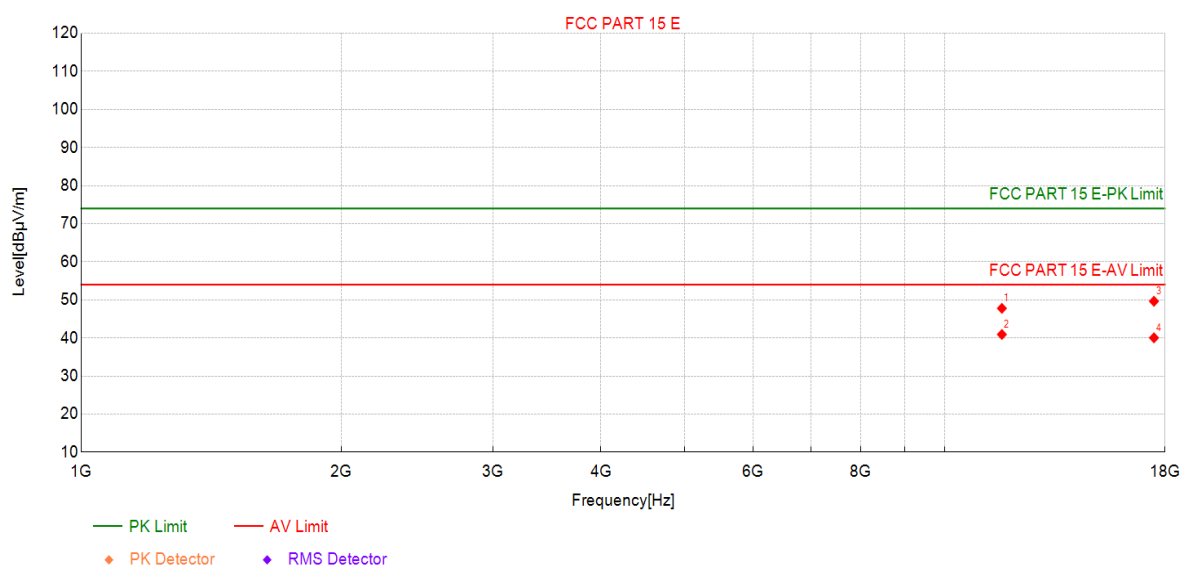
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5825MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11650	39.03	47.77	8.74	74.00	26.23	PK	Horizo	PASS
2	11650	32.17	40.91	8.74	54.00	13.09	AV	Horizo	PASS
3	17475	32.56	49.63	17.07	74.00	24.37	PK	Horizo	PASS
4	17475	22.97	40.04	17.07	54.00	13.96	AV	Horizo	PASS

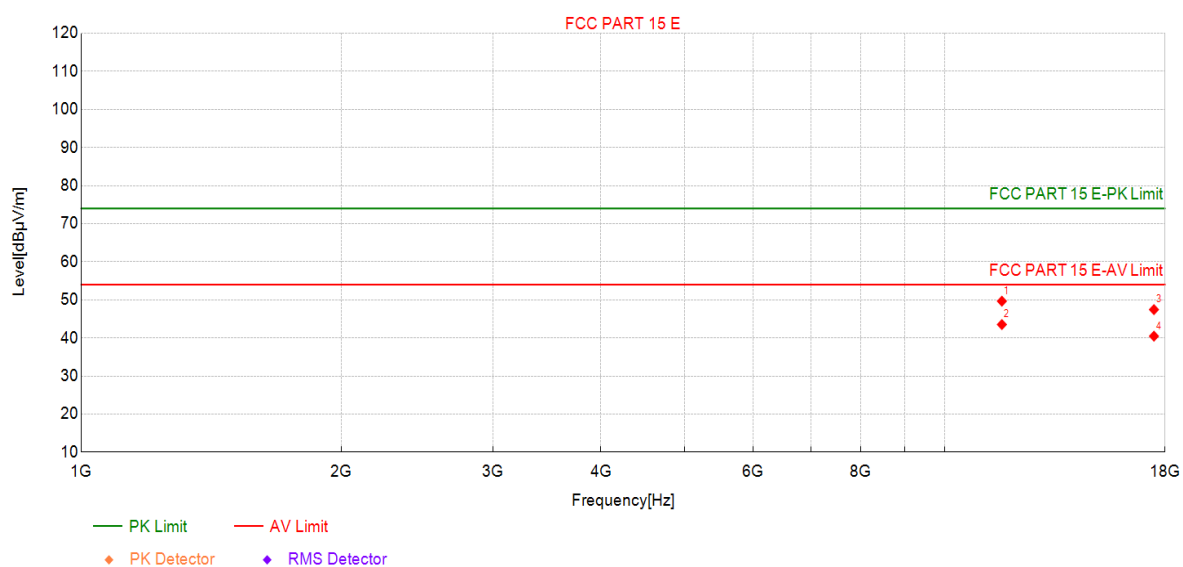
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 2:Transmit at 5825MHz by 802.11n(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11650	40.92	49.66	8.74	74.00	24.34	PK	Vertic	PASS
2	11650	34.78	43.52	8.74	54.00	10.48	AV	Vertic	PASS
3	17475	30.37	47.44	17.07	74.00	26.56	PK	Vertic	PASS
4	17475	23.40	40.47	17.07	54.00	13.53	AV	Vertic	PASS

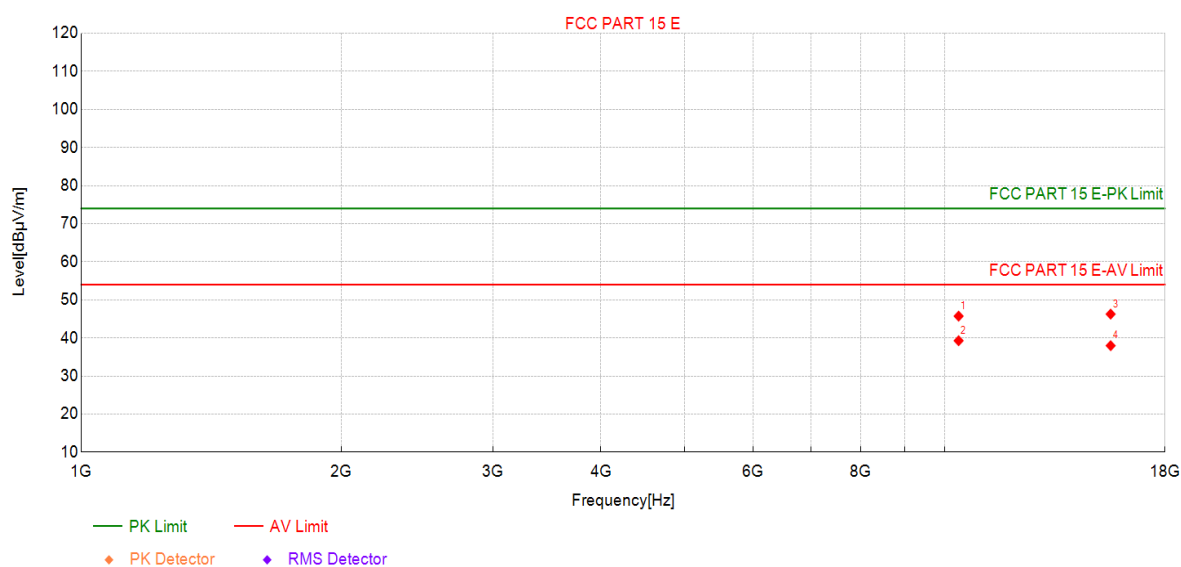
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5190MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10380	39.16	45.73	6.57	74.00	28.27	PK	Horizo	PASS
2	10380	32.70	39.27	6.57	54.00	14.73	AV	Horizo	PASS
3	15570	32.57	46.26	13.69	74.00	27.74	PK	Horizo	PASS
4	15570	24.28	37.97	13.69	54.00	16.03	AV	Horizo	PASS

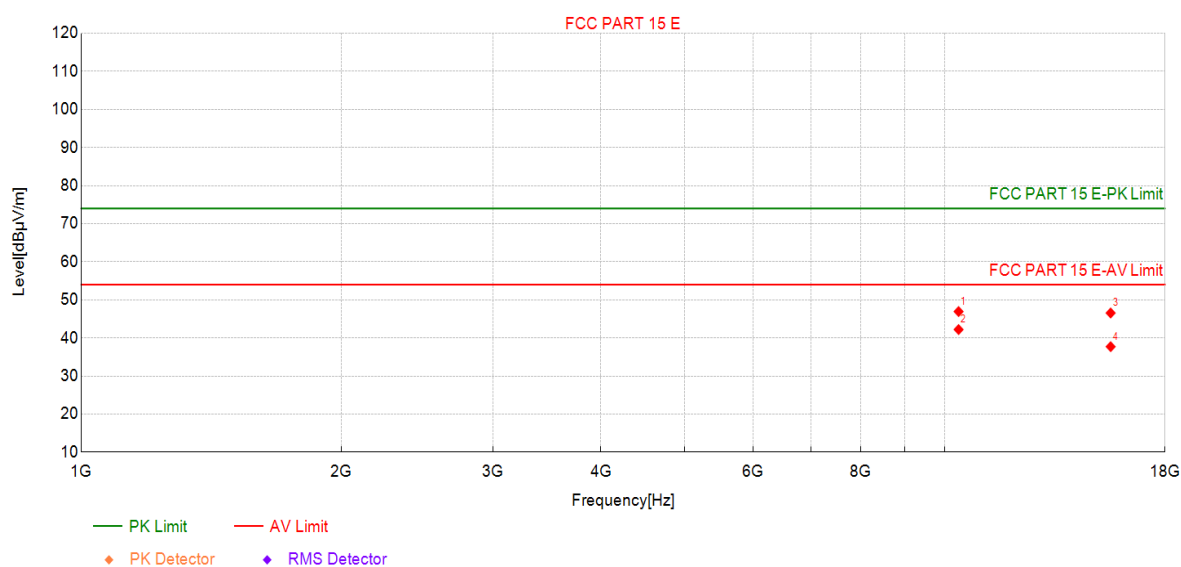
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5190MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10380	40.36	46.93	6.57	74.00	27.07	PK	Vertic	PASS
2	10380	35.63	42.20	6.57	54.00	11.80	AV	Vertic	PASS
3	15570	32.86	46.55	13.69	74.00	27.45	PK	Vertic	PASS
4	15570	24.02	37.71	13.69	54.00	16.29	AV	Vertic	PASS

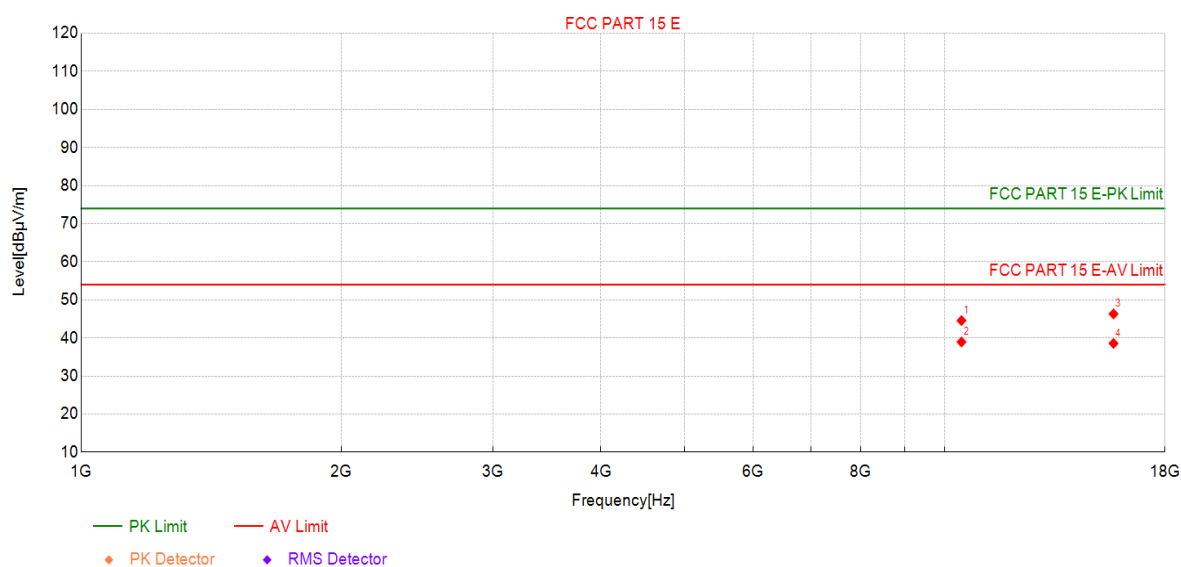
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5230MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10460	37.89	44.56	6.67	74.00	29.44	PK	Horizo	PASS
2	10460	32.27	38.94	6.67	54.00	15.06	AV	Horizo	PASS
3	15690	31.90	46.31	14.41	74.00	27.69	PK	Horizo	PASS
4	15690	24.15	38.56	14.41	54.00	15.44	AV	Horizo	PASS

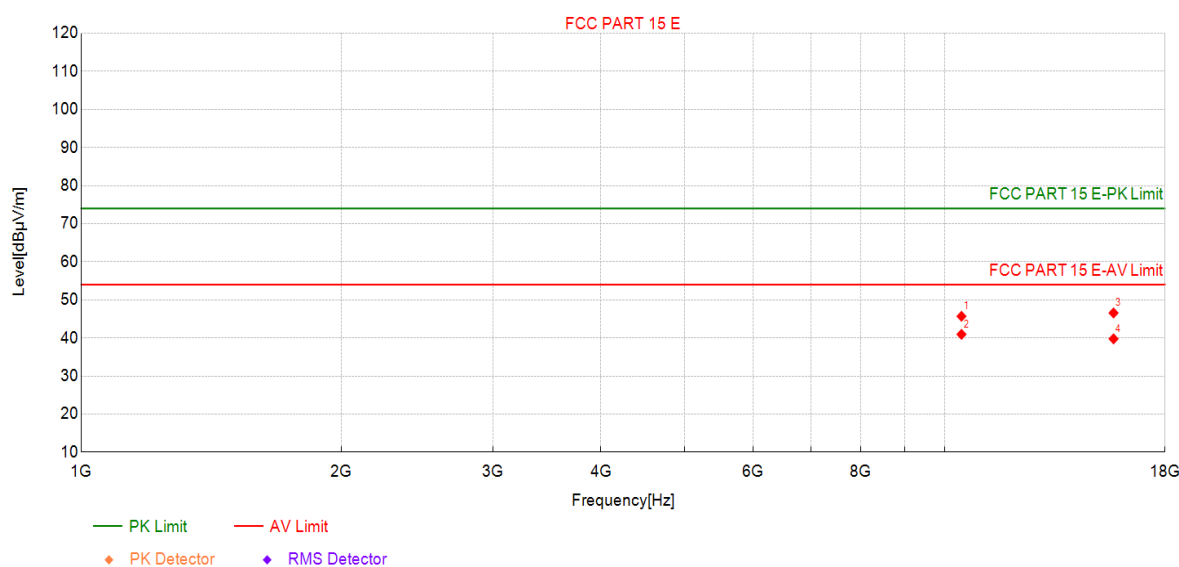
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5230MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10460	39.02	45.69	6.67	74.00	28.31	PK	Vertic	PASS
2	10460	34.27	40.94	6.67	54.00	13.06	AV	Vertic	PASS
3	15690	32.15	46.56	14.41	74.00	27.44	PK	Vertic	PASS
4	15690	25.35	39.76	14.41	54.00	14.24	AV	Vertic	PASS

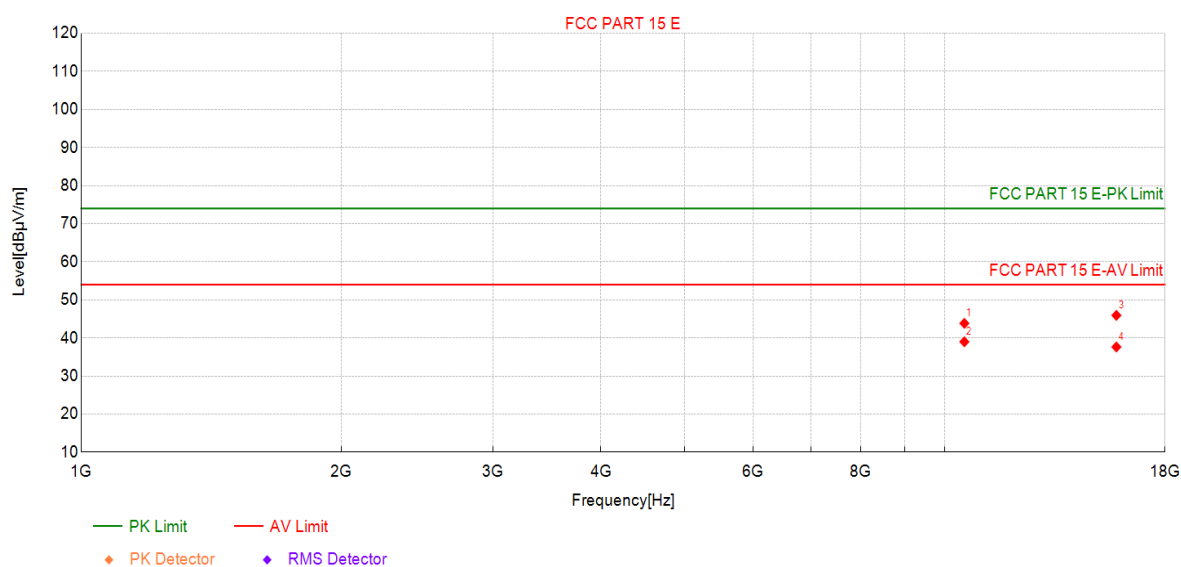
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5270MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10540	37.07	43.83	6.76	74.00	30.17	PK	Horizo	PASS
2	10540	32.23	38.99	6.76	54.00	15.01	AV	Horizo	PASS
3	15810	31.92	45.93	14.01	74.00	28.07	PK	Horizo	PASS
4	15810	23.62	37.63	14.01	54.00	16.37	AV	Horizo	PASS

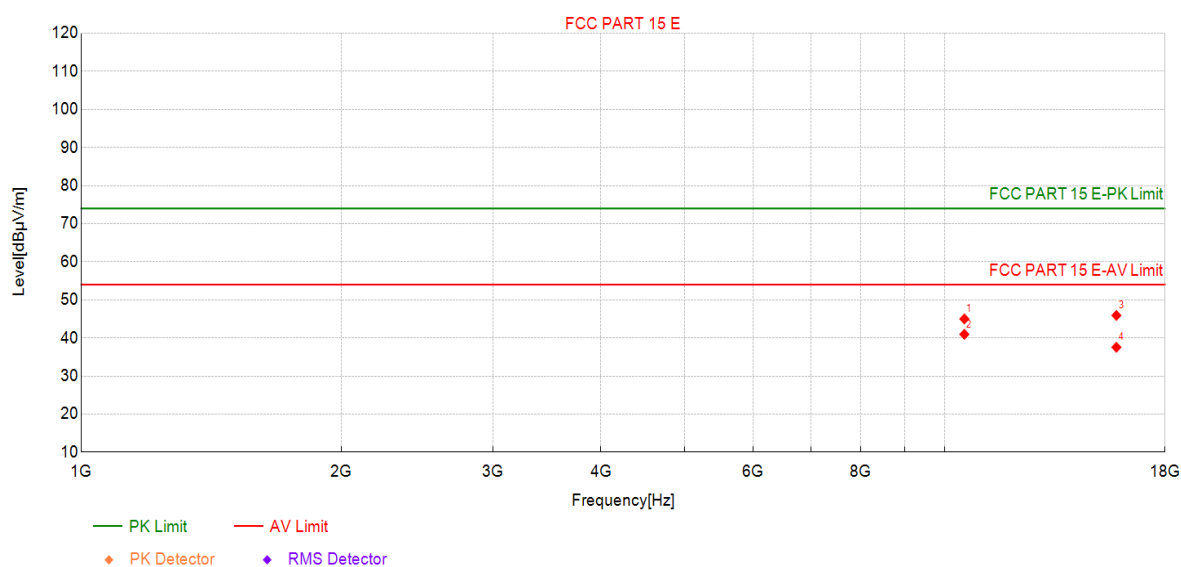
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5270MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10540	38.24	45.00	6.76	74.00	29.00	PK	Vertic	PASS
2	10540	34.19	40.95	6.76	54.00	13.05	AV	Vertic	PASS
3	15810	31.91	45.92	14.01	74.00	28.08	PK	Vertic	PASS
4	15810	23.54	37.55	14.01	54.00	16.45	AV	Vertic	PASS

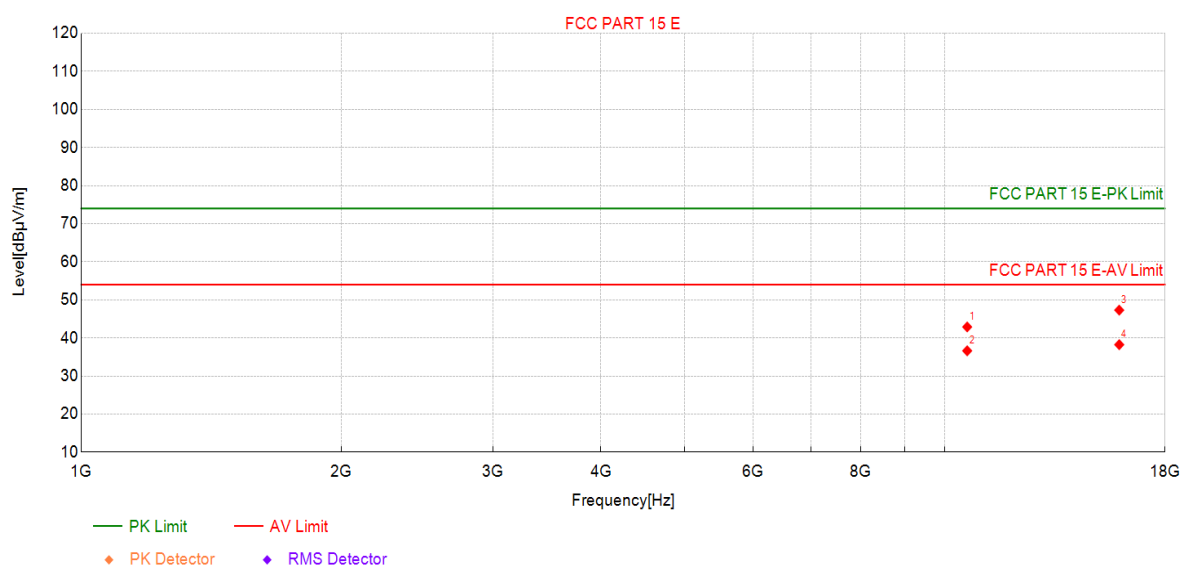
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10620	36.10	42.89	6.79	74.00	31.11	PK	Horizo	PASS
2	10620	29.83	36.62	6.79	54.00	17.38	AV	Horizo	PASS
3	15930	32.93	47.30	14.37	74.00	26.70	PK	Horizo	PASS
4	15930	23.87	38.24	14.37	54.00	15.76	AV	Horizo	PASS

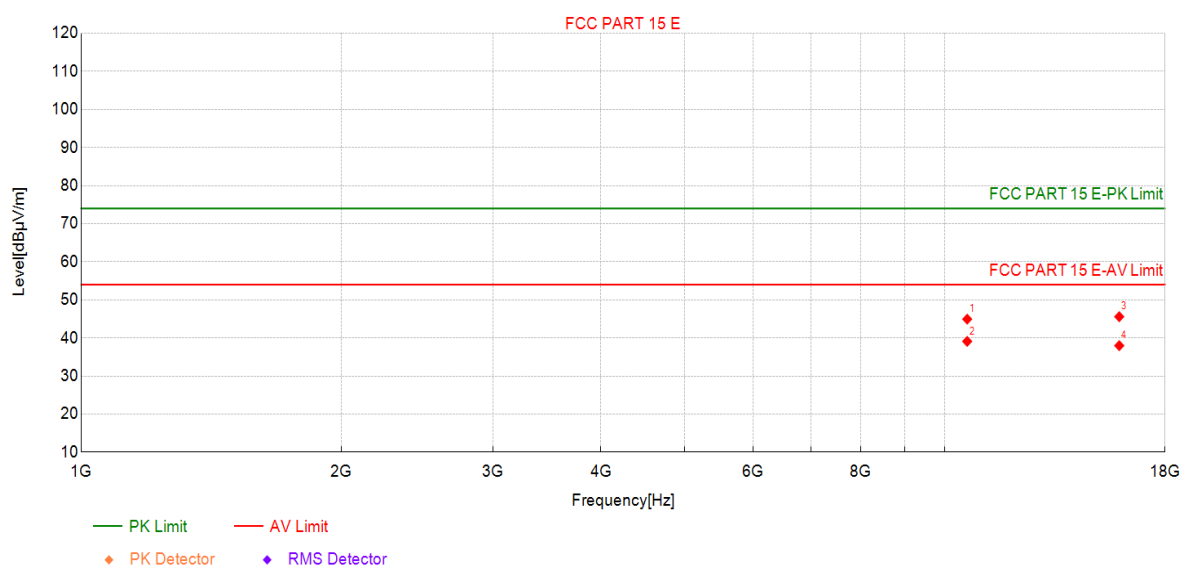
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5310MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10620	38.14	44.93	6.79	74.00	29.07	PK	Vertic	PASS
2	10620	32.31	39.10	6.79	54.00	14.90	AV	Vertic	PASS
3	15930	31.22	45.59	14.37	74.00	28.41	PK	Vertic	PASS
4	15930	23.60	37.97	14.37	54.00	16.03	AV	Vertic	PASS

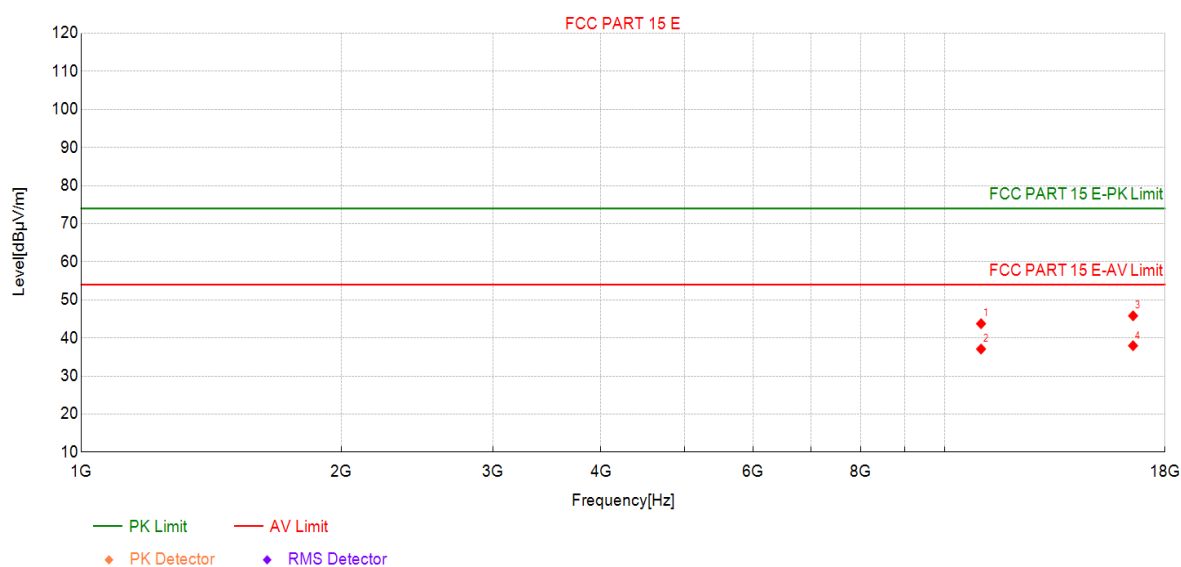
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11020	36.49	43.74	7.25	74.00	30.26	PK	Horizo	PASS
2	11020	29.83	37.08	7.25	54.00	16.92	AV	Horizo	PASS
3	16530	30.80	45.81	15.01	74.00	28.19	PK	Horizo	PASS
4	16530	22.95	37.96	15.01	54.00	16.04	AV	Horizo	PASS

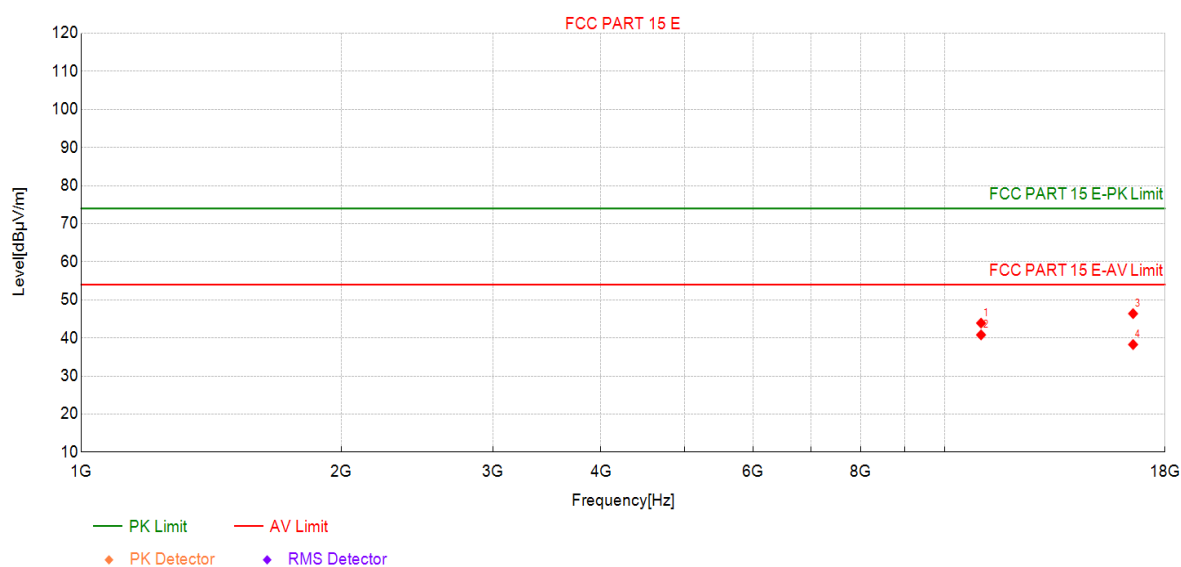
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5510MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11020	36.65	43.90	7.25	74.00	30.10	PK	Vertic	PASS
2	11020	33.55	40.80	7.25	54.00	13.20	AV	Vertic	PASS
3	16530	31.37	46.38	15.01	74.00	27.62	PK	Vertic	PASS
4	16530	23.26	38.27	15.01	54.00	15.73	AV	Vertic	PASS

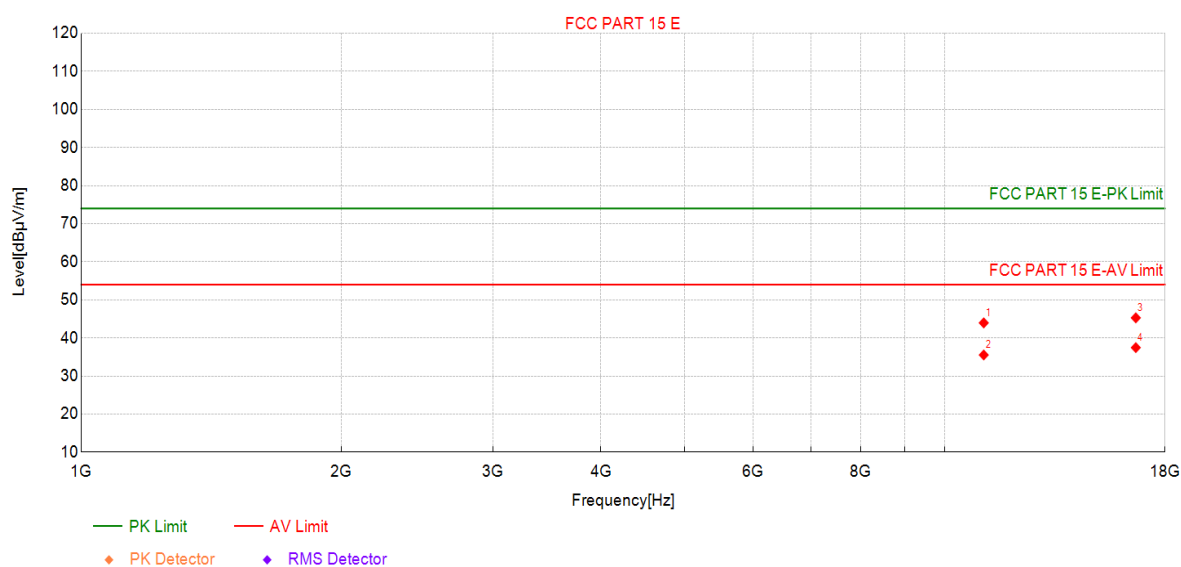
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5550MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11100	37.29	43.95	6.66	74.00	30.05	PK	Horizo	PASS
2	11100	28.86	35.52	6.66	54.00	18.48	AV	Horizo	PASS
3	16650	30.59	45.28	14.69	74.00	28.72	PK	Horizo	PASS
4	16650	22.77	37.46	14.69	54.00	16.54	AV	Horizo	PASS

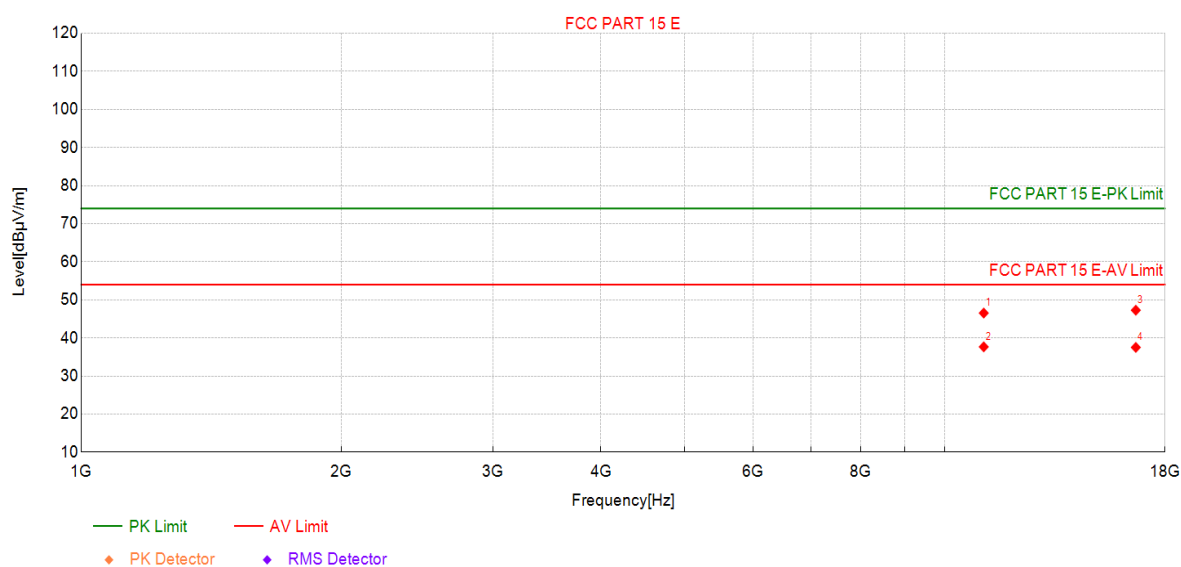
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5550MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11100	39.88	46.54	6.66	74.00	27.46	PK	Vertic	PASS
2	11100	31.00	37.66	6.66	54.00	16.34	AV	Vertic	PASS
3	16650	32.59	47.28	14.69	74.00	26.72	PK	Vertic	PASS
4	16650	22.83	37.52	14.69	54.00	16.48	AV	Vertic	PASS

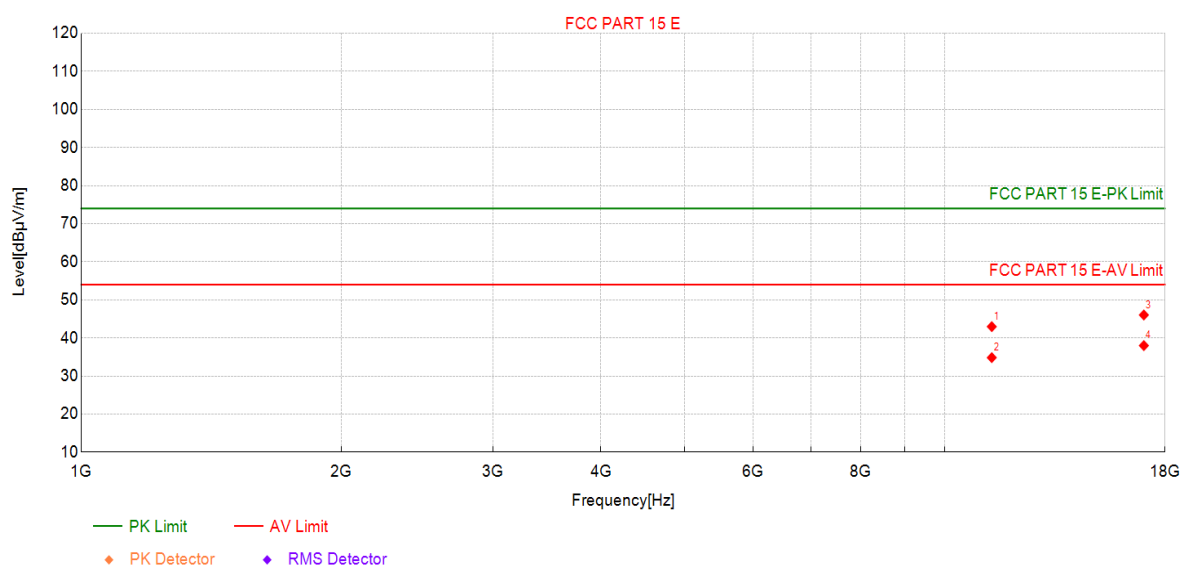
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5670MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11340	35.11	42.97	7.86	74.00	31.03	PK	Horizo	PASS
2	11340	26.97	34.83	7.86	54.00	19.17	AV	Horizo	PASS
3	17010	29.99	46.03	16.04	74.00	27.97	PK	Horizo	PASS
4	17010	21.95	37.99	16.04	54.00	16.01	AV	Horizo	PASS

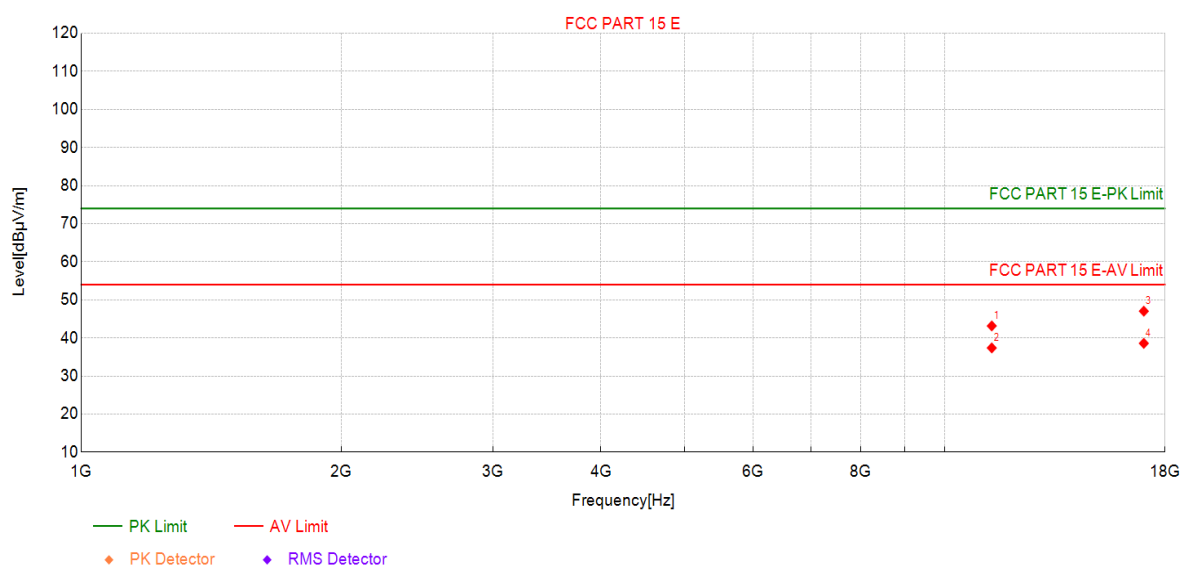
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5670MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11340	35.30	43.16	7.86	74.00	30.84	PK	Vertic	PASS
2	11340	29.52	37.38	7.86	54.00	16.62	AV	Vertic	PASS
3	17010	30.99	47.03	16.04	74.00	26.97	PK	Vertic	PASS
4	17010	22.54	38.58	16.04	54.00	15.42	AV	Vertic	PASS

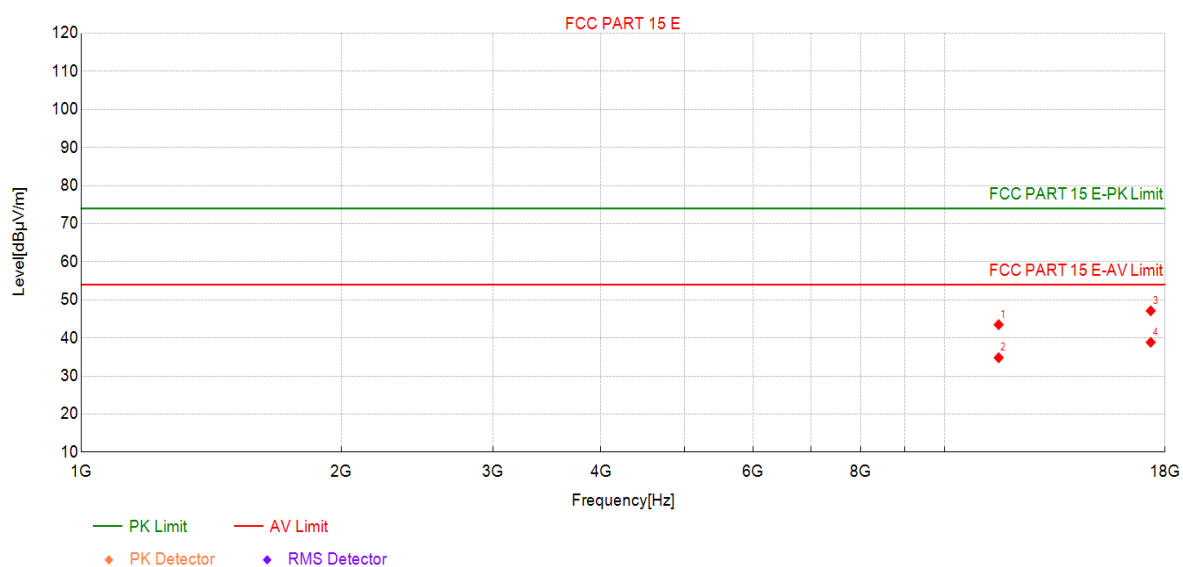
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5755MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11550	34.88	43.49	8.61	74.00	30.51	PK	Horizo	PASS
2	11550	26.19	34.80	8.61	54.00	19.20	AV	Horizo	PASS
3	17325	31.25	47.12	15.87	74.00	26.88	PK	Horizo	PASS
4	17325	22.98	38.85	15.87	54.00	15.15	AV	Horizo	PASS

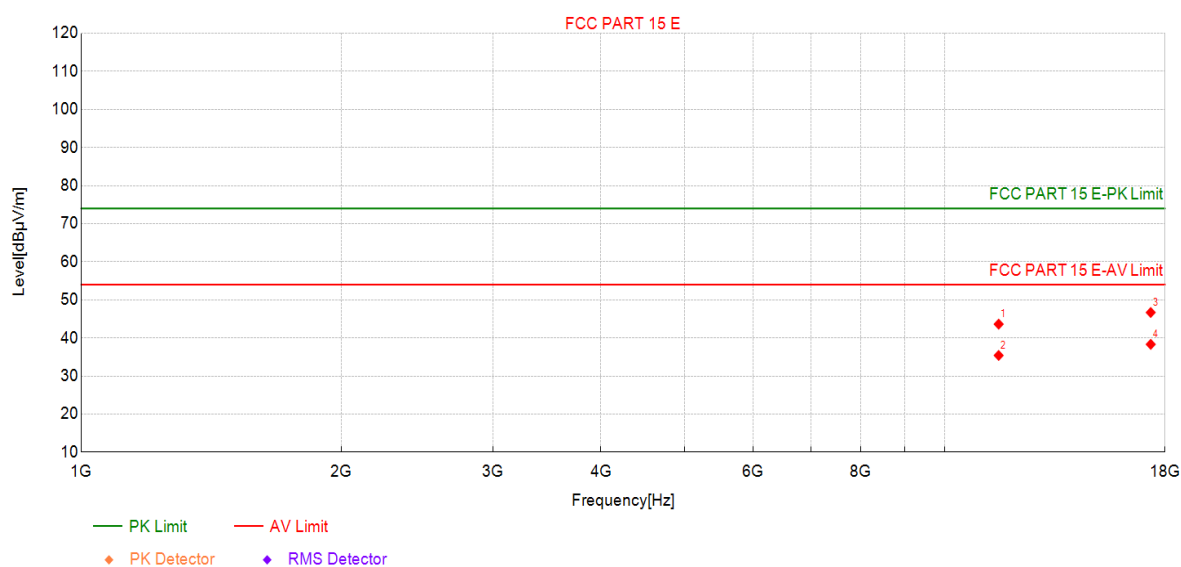
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5755MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11550	35.01	43.62	8.61	74.00	30.38	PK	Vertic	PASS
2	11550	26.79	35.40	8.61	54.00	18.60	AV	Vertic	PASS
3	17325	30.81	46.68	15.87	74.00	27.32	PK	Vertic	PASS
4	17325	22.45	38.32	15.87	54.00	15.68	AV	Vertic	PASS

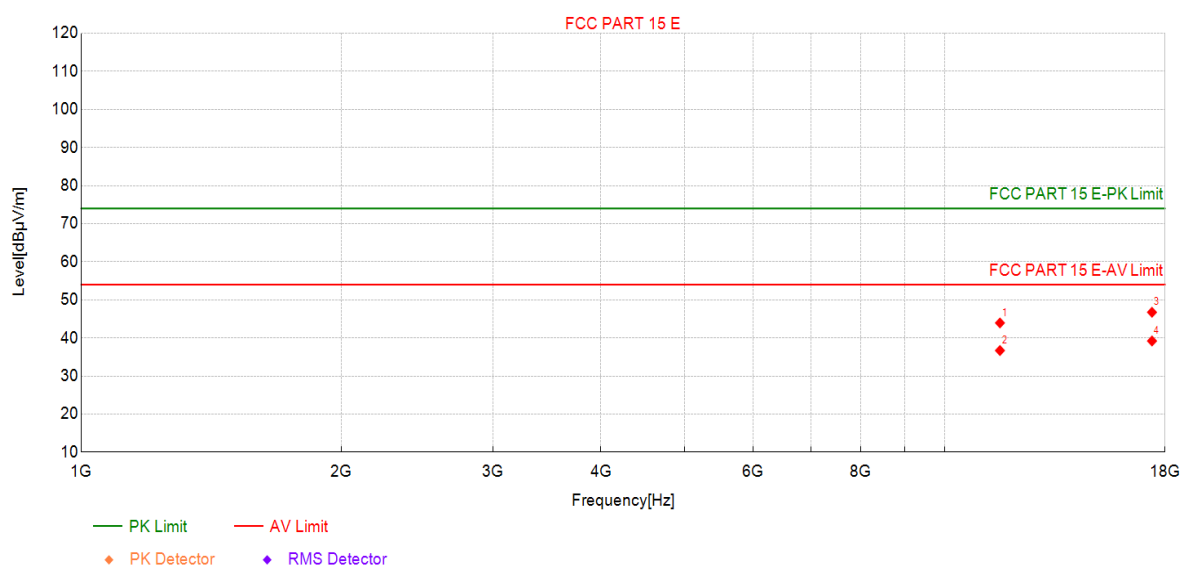
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5795MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11590	35.20	43.94	8.74	74.00	30.06	PK	Horizo	PASS
2	11590	27.96	36.70	8.74	54.00	17.30	AV	Horizo	PASS
3	17385	30.16	46.74	16.58	74.00	27.26	PK	Horizo	PASS
4	17385	22.62	39.20	16.58	54.00	14.80	AV	Horizo	PASS

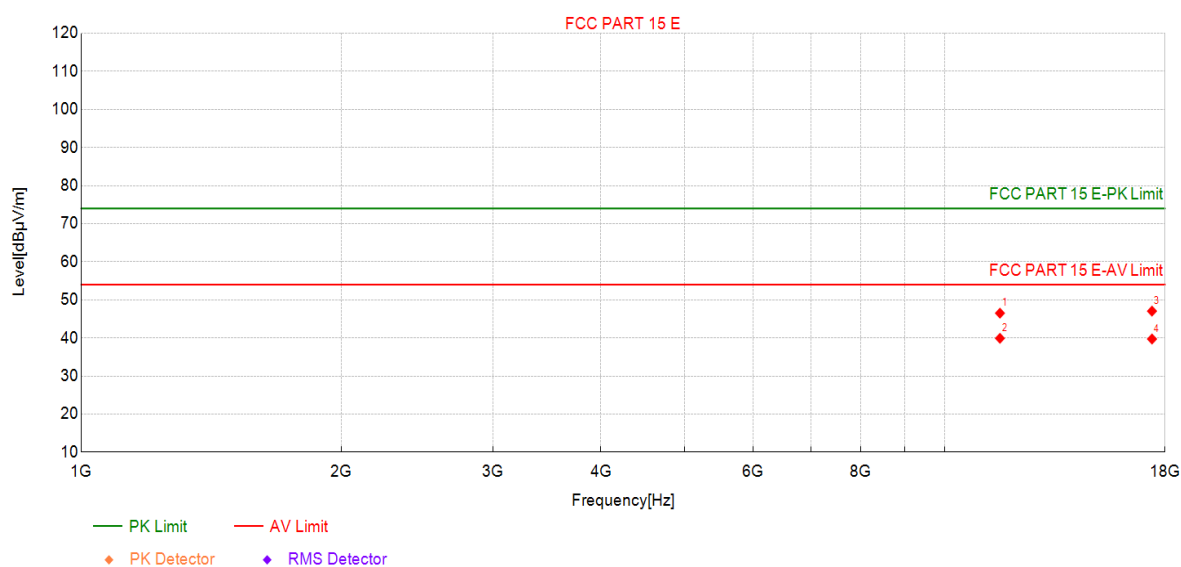
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 3:Transmit at 5795MHz by 802.11n(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11590	37.77	46.51	8.74	74.00	27.49	PK	Vertic	PASS
2	11590	31.16	39.90	8.74	54.00	14.10	AV	Vertic	PASS
3	17385	30.47	47.05	16.58	74.00	26.95	PK	Vertic	PASS
4	17385	23.14	39.72	16.58	54.00	14.28	AV	Vertic	PASS

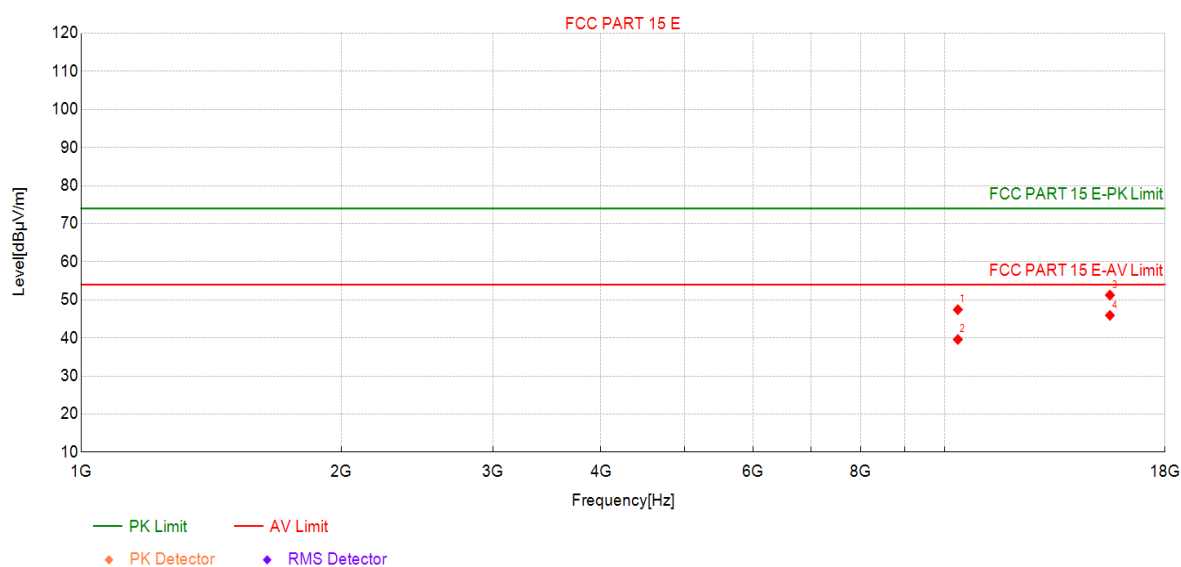
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360	40.85	47.43	6.58	74.00	26.57	PK	Horizo	PASS
2	10360	33.02	39.60	6.58	54.00	14.40	AV	Horizo	PASS
3	15540	37.34	51.24	13.90	74.00	22.76	PK	Horizo	PASS
4	15540	32.03	45.93	13.90	54.00	8.07	AV	Horizo	PASS

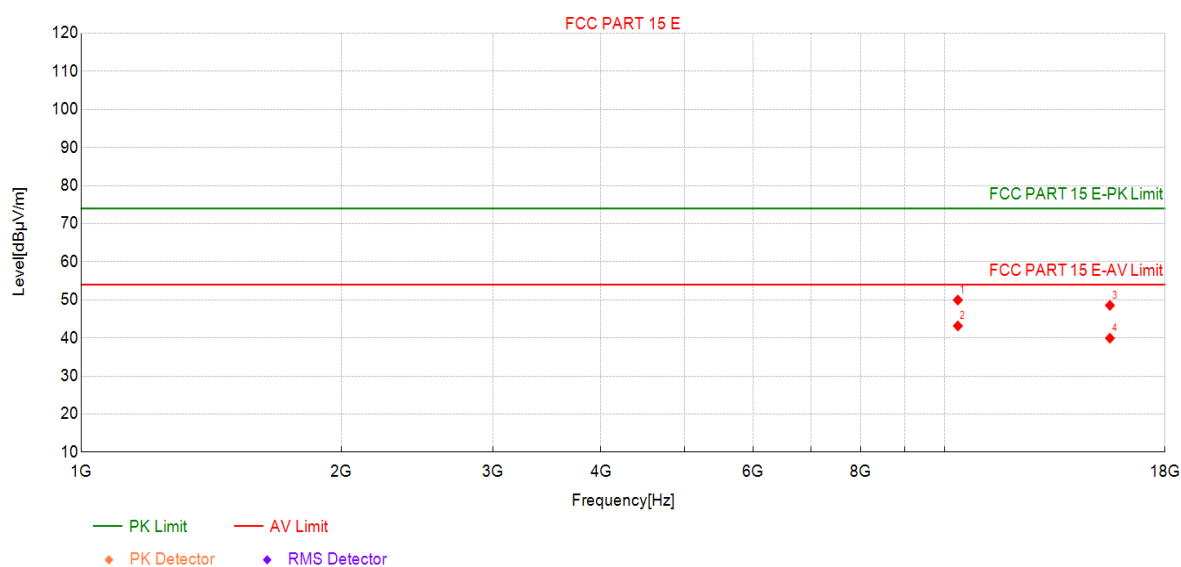
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5180MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360	43.37	49.95	6.58	74.00	24.05	PK	Vertic	PASS
2	10360	36.58	43.16	6.58	54.00	10.84	AV	Vertic	PASS
3	15540	34.65	48.55	13.90	74.00	25.45	PK	Vertic	PASS
4	15540	26.03	39.93	13.90	54.00	14.07	AV	Vertic	PASS

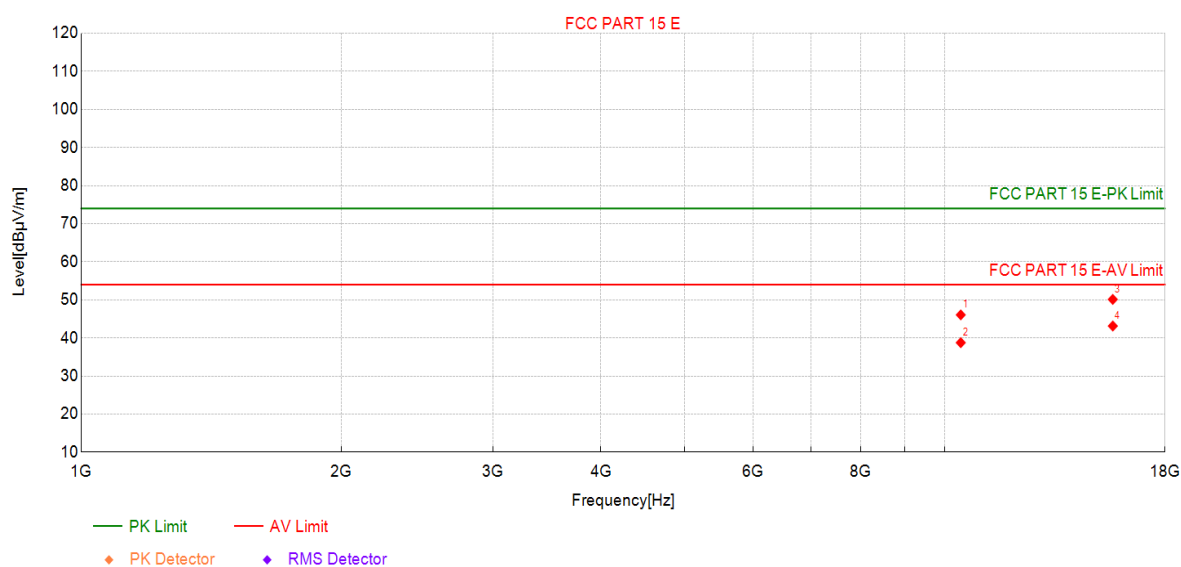
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5220MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10440	39.42	46.06	6.64	74.00	27.94	PK	Horizo	PASS
2	10440	32.11	38.75	6.64	54.00	15.25	AV	Horizo	PASS
3	15660	36.03	50.12	14.09	74.00	23.88	PK	Horizo	PASS
4	15660	29.04	43.13	14.09	54.00	10.87	AV	Horizo	PASS

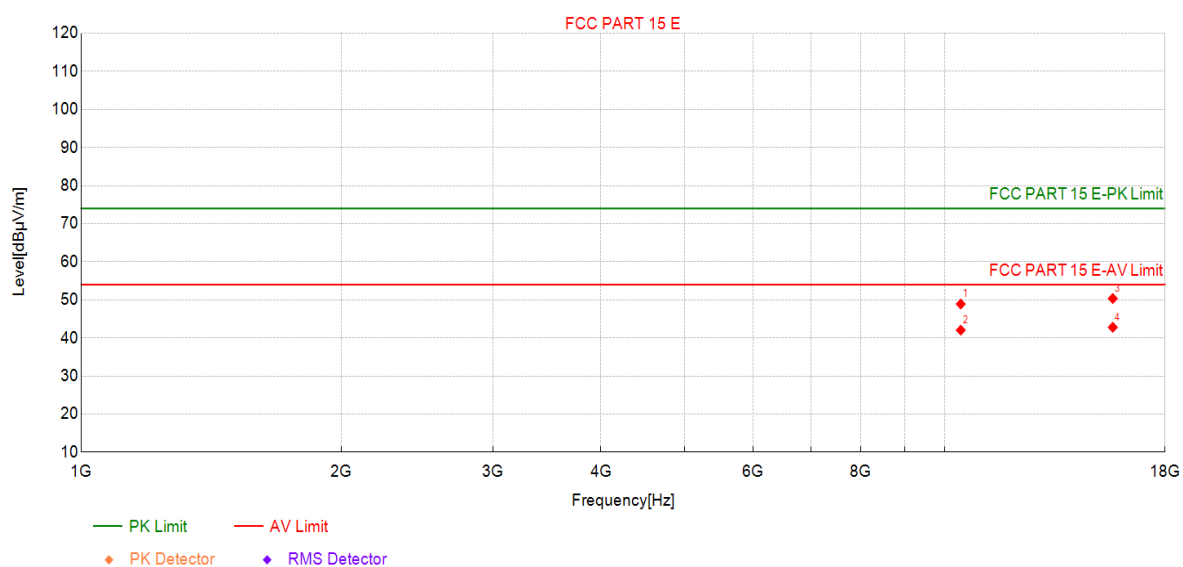
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5220MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10440	42.27	48.91	6.64	74.00	25.09	PK	Vertic	PASS
2	10440	35.41	42.05	6.64	54.00	11.95	AV	Vertic	PASS
3	15660	36.26	50.35	14.09	74.00	23.65	PK	Vertic	PASS
4	15660	28.71	42.80	14.09	54.00	11.20	AV	Vertic	PASS

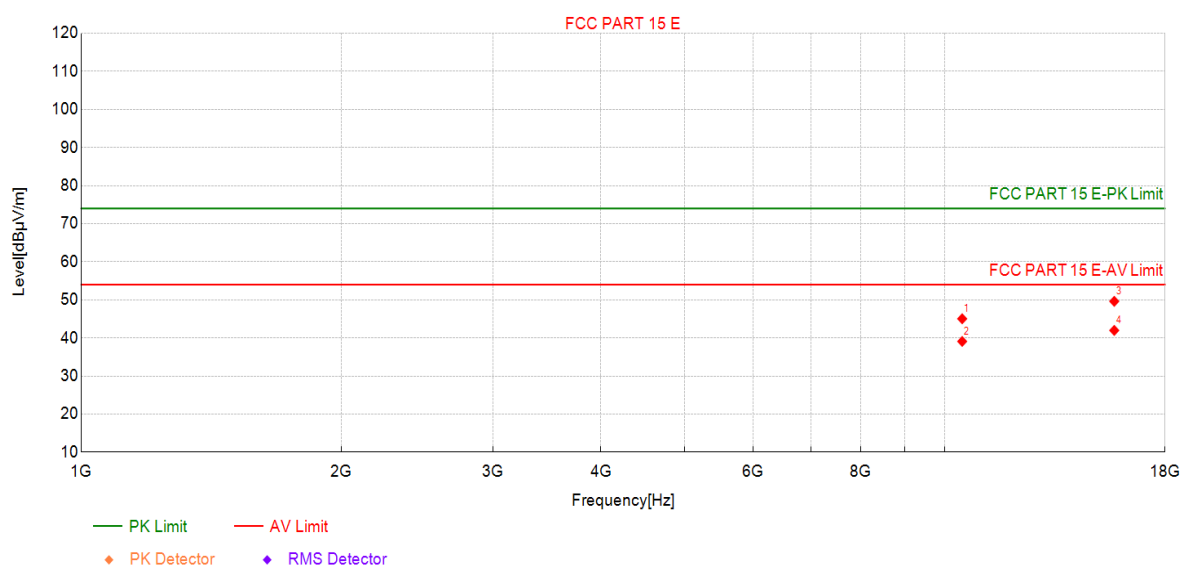
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5240MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10480	38.33	45.04	6.71	74.00	28.96	PK	Horizo	PASS
2	10480	32.37	39.08	6.71	54.00	14.92	AV	Horizo	PASS
3	15720	35.20	49.61	14.41	74.00	24.39	PK	Horizo	PASS
4	15720	27.57	41.98	14.41	54.00	12.02	AV	Horizo	PASS

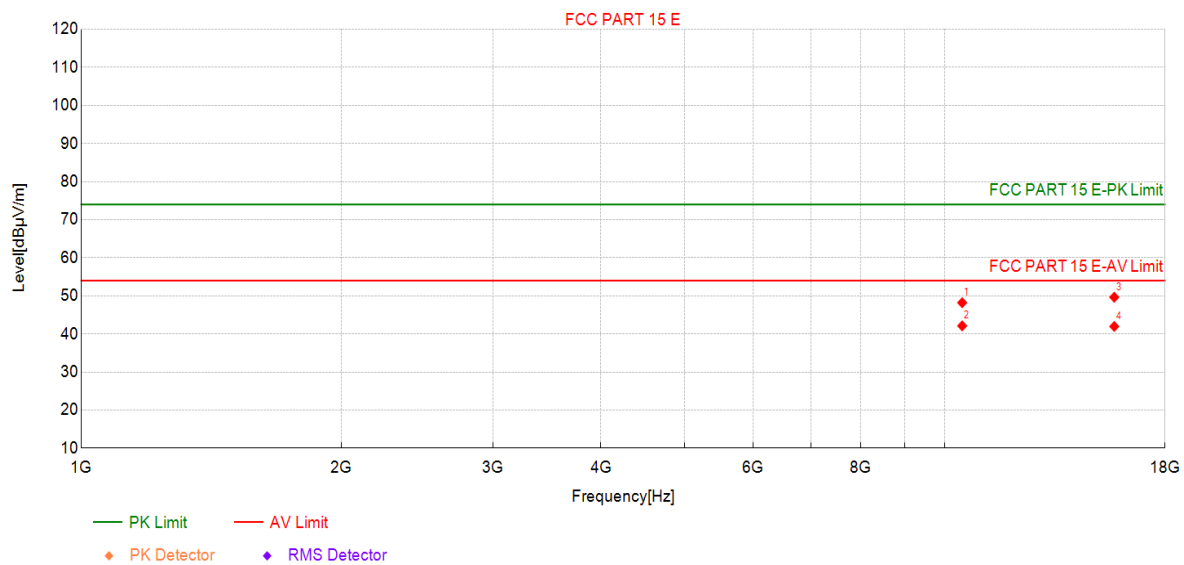
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5240MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10480	41.50	48.21	6.71	74.00	25.79	PK	Vertic	PASS
2	10480	35.41	42.12	6.71	54.00	11.88	AV	Vertic	PASS
3	15720	35.23	49.64	14.41	74.00	24.36	PK	Vertic	PASS
4	15720	27.55	41.96	14.41	54.00	12.04	AV	Vertic	PASS

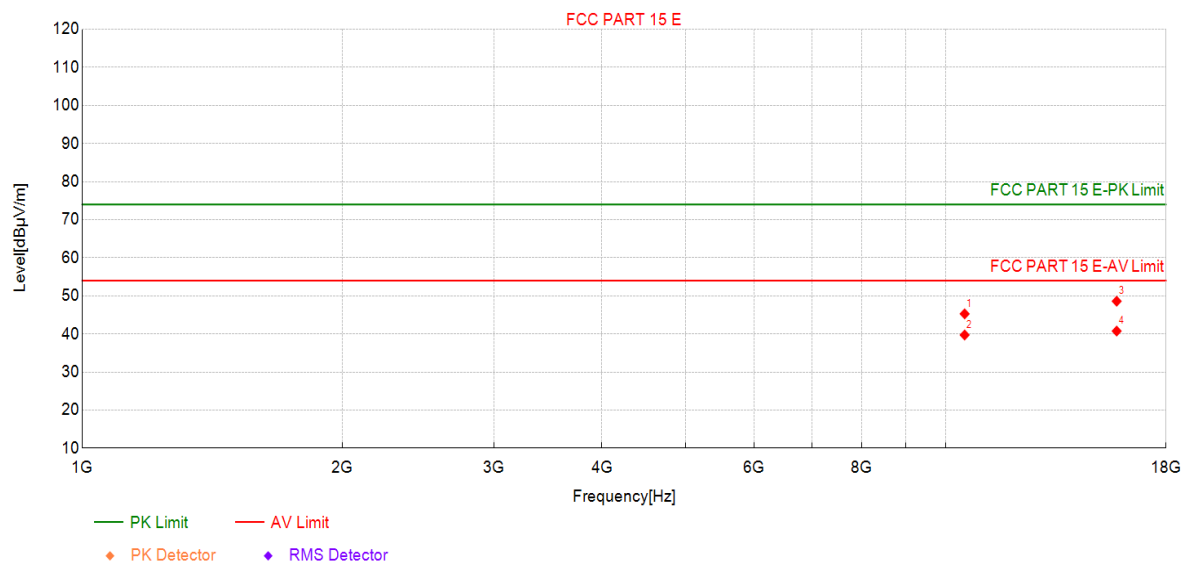
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5260MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10520	38.51	45.27	6.76	74.00	28.73	PK	Horizo	PASS
2	10520	32.97	39.73	6.76	54.00	14.27	AV	Horizo	PASS
3	15780	34.51	48.60	14.09	74.00	25.40	PK	Horizo	PASS
4	15780	26.66	40.75	14.09	54.00	13.25	AV	Horizo	PASS

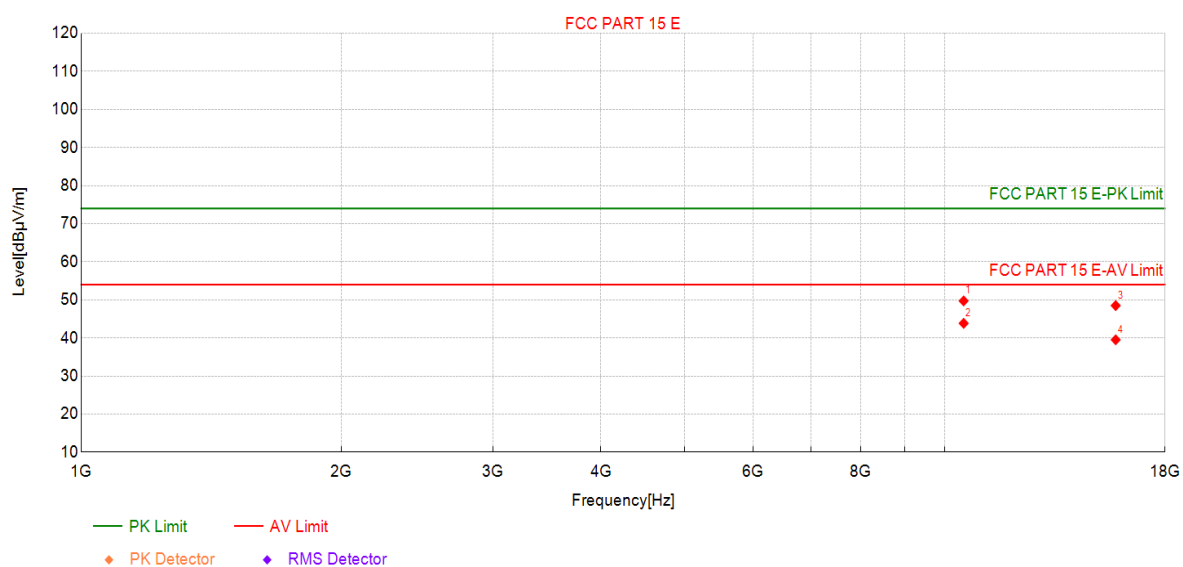
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5260MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10520	42.97	49.73	6.76	74.00	24.27	PK	Vertic	PASS
2	10520	37.08	43.84	6.76	54.00	10.16	AV	Vertic	PASS
3	15780	34.40	48.49	14.09	74.00	25.51	PK	Vertic	PASS
4	15780	25.43	39.52	14.09	54.00	14.48	AV	Vertic	PASS

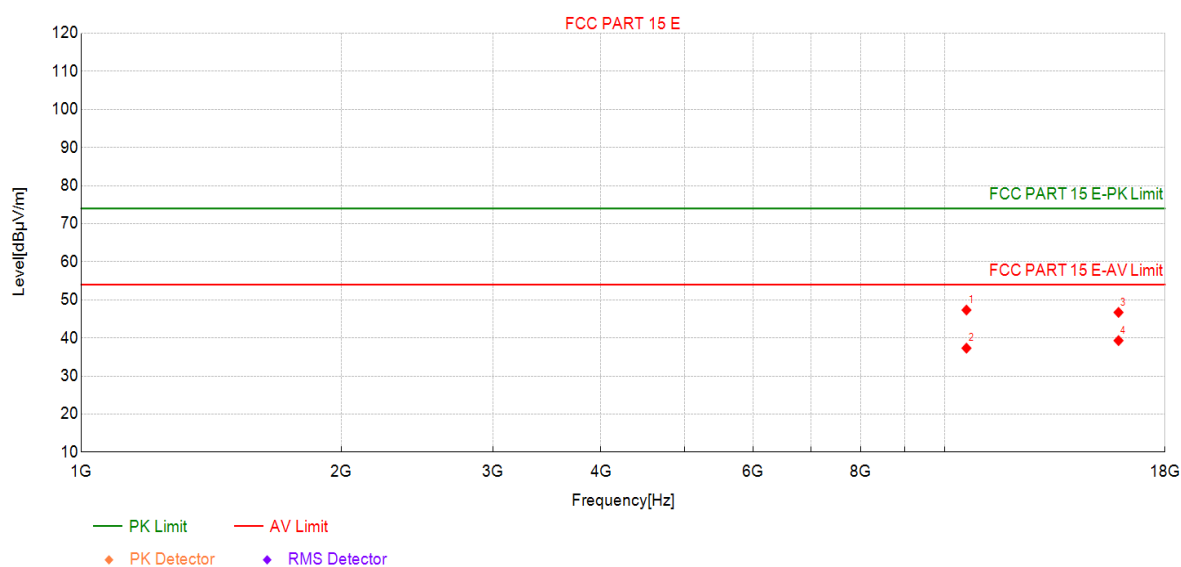
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5300MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10600	40.54	47.32	6.78	74.00	26.68	PK	Horizo	PASS
2	10600	30.53	37.31	6.78	54.00	16.69	AV	Horizo	PASS
3	15900	32.59	46.71	14.12	74.00	27.29	PK	Horizo	PASS
4	15900	25.18	39.30	14.12	54.00	14.70	AV	Horizo	PASS

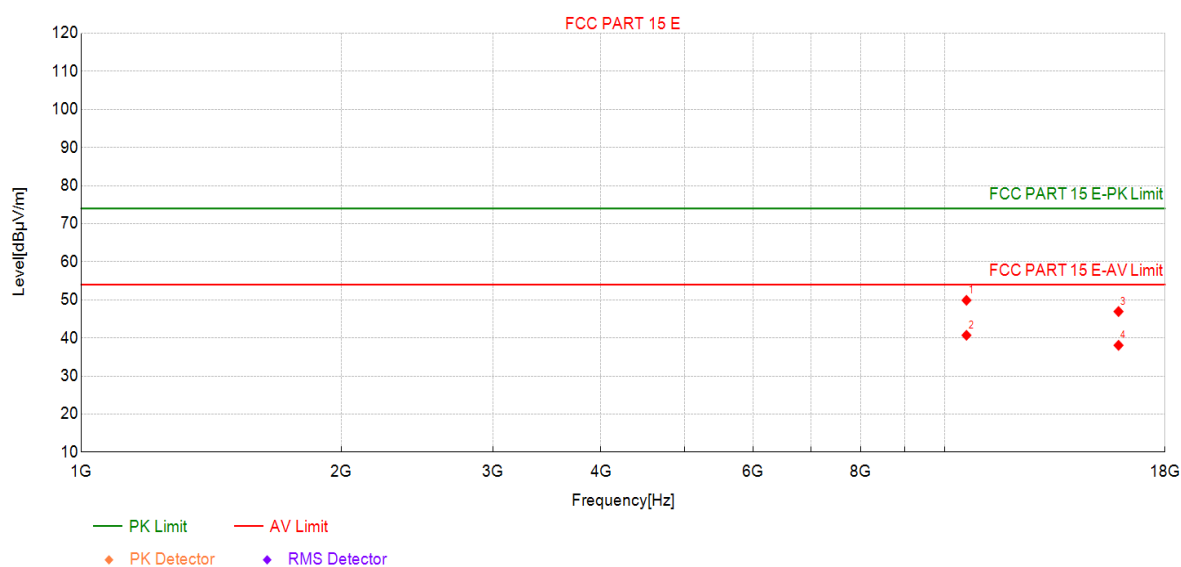
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5300MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10600	43.11	49.89	6.78	74.00	24.11	PK	Vertic	PASS
2	10600	33.92	40.70	6.78	54.00	13.30	AV	Vertic	PASS
3	15900	32.82	46.94	14.12	74.00	27.06	PK	Vertic	PASS
4	15900	23.94	38.06	14.12	54.00	15.94	AV	Vertic	PASS

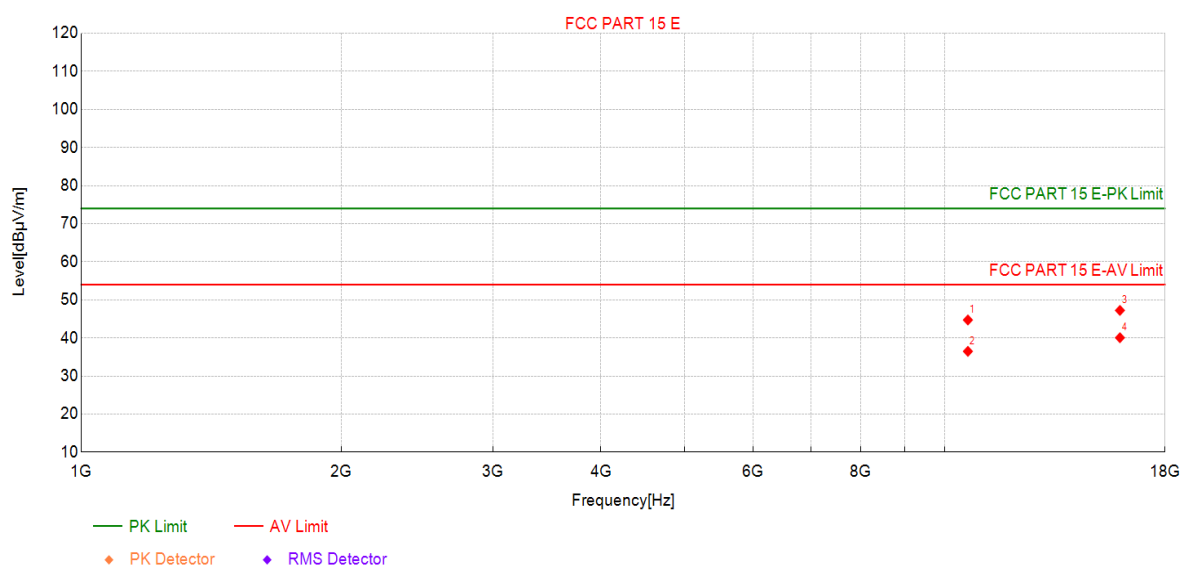
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640	37.92	44.72	6.80	74.00	29.28	PK	Horizo	PASS
2	10640	29.68	36.48	6.80	54.00	17.52	AV	Horizo	PASS
3	15960	32.60	47.23	14.63	74.00	26.77	PK	Horizo	PASS
4	15960	25.43	40.06	14.63	54.00	13.94	AV	Horizo	PASS

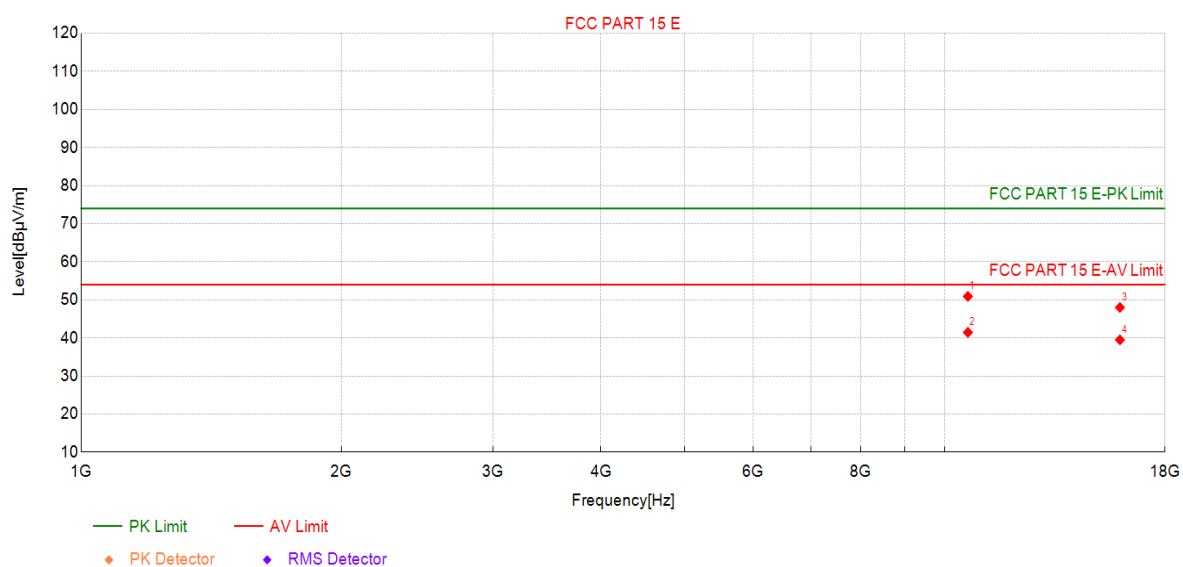
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5320MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640	44.12	50.92	6.80	74.00	23.08	PK	Vertic	PASS
2	10640	34.66	41.46	6.80	54.00	12.54	AV	Vertic	PASS
3	15960	33.38	48.01	14.63	74.00	25.99	PK	Vertic	PASS
4	15960	24.87	39.50	14.63	54.00	14.50	AV	Vertic	PASS

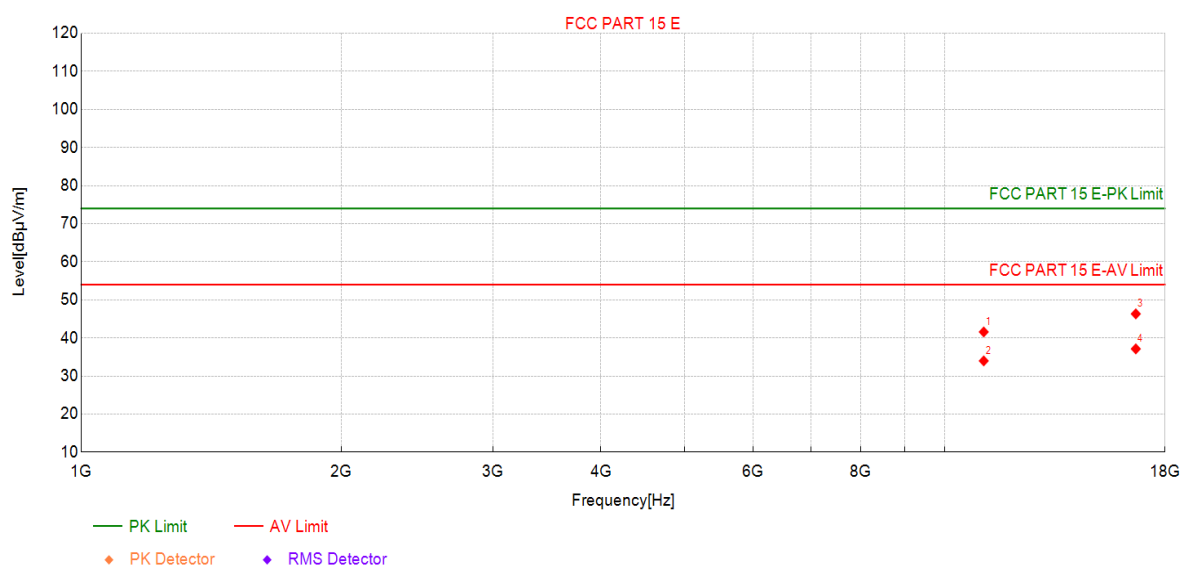
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11100	34.92	41.58	6.66	74.00	32.42	PK	Horizo	PASS
2	11100	27.31	33.97	6.66	54.00	20.03	AV	Horizo	PASS
3	16650	31.63	46.32	14.69	74.00	27.68	PK	Horizo	PASS
4	16650	22.43	37.12	14.69	54.00	16.88	AV	Horizo	PASS

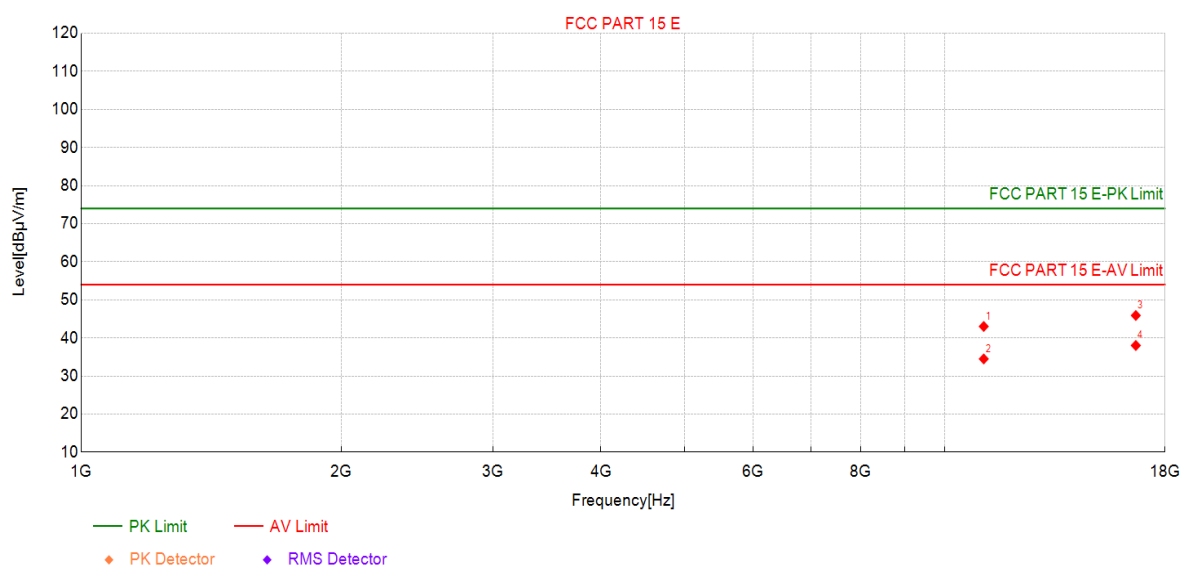
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5500MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11100	36.36	43.02	6.66	74.00	30.98	PK	Vertic	PASS
2	11100	27.83	34.49	6.66	54.00	19.51	AV	Vertic	PASS
3	16650	31.21	45.90	14.69	74.00	28.10	PK	Vertic	PASS
4	16650	23.33	38.02	14.69	54.00	15.98	AV	Vertic	PASS

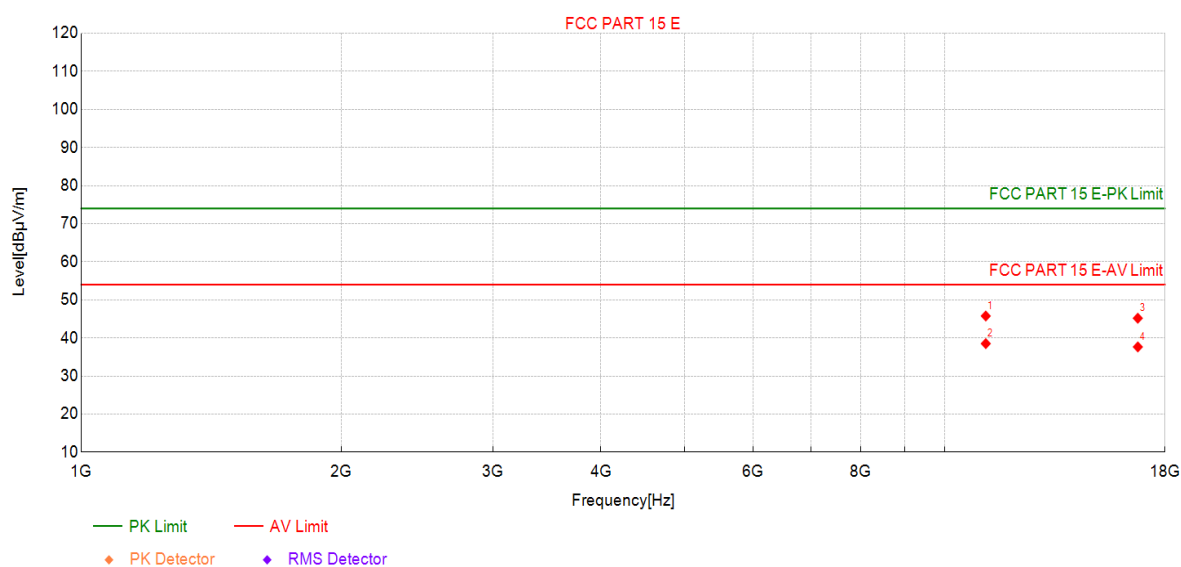
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5580MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11160	38.47	45.76	7.29	74.00	28.24	PK	Horizo	PASS
2	11160	31.22	38.51	7.29	54.00	15.49	AV	Horizo	PASS
3	16740	30.56	45.18	14.62	74.00	28.82	PK	Horizo	PASS
4	16740	23.02	37.64	14.62	54.00	16.36	AV	Horizo	PASS

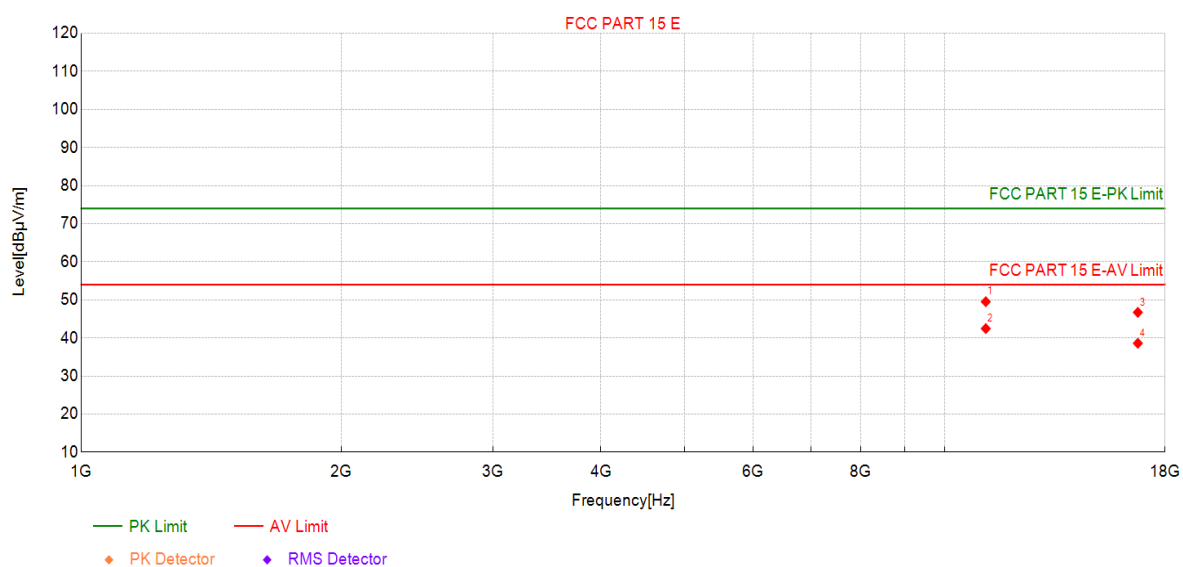
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5580MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11160	42.23	49.52	7.29	74.00	24.48	PK	Vertic	PASS
2	11160	35.16	42.45	7.29	54.00	11.55	AV	Vertic	PASS
3	16740	32.10	46.72	14.62	74.00	27.28	PK	Vertic	PASS
4	16740	23.98	38.60	14.62	54.00	15.40	AV	Vertic	PASS

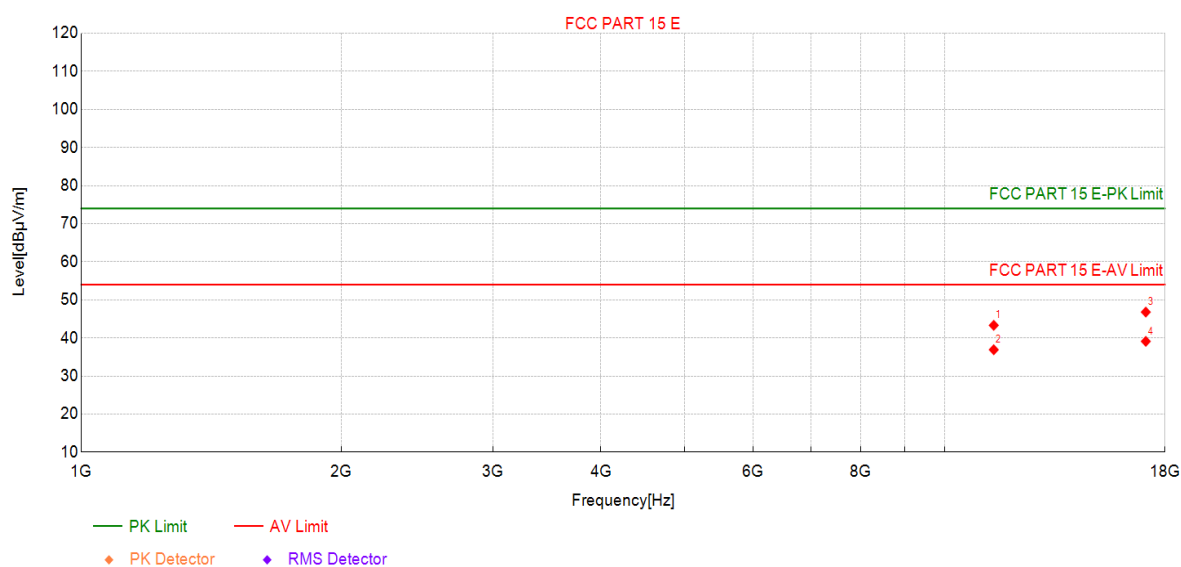
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5700MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11400	35.48	43.31	7.83	74.00	30.69	PK	Horizo	PASS
2	11400	29.07	36.90	7.83	54.00	17.10	AV	Horizo	PASS
3	17100	30.97	46.79	15.82	74.00	27.21	PK	Horizo	PASS
4	17100	23.28	39.10	15.82	54.00	14.90	AV	Horizo	PASS

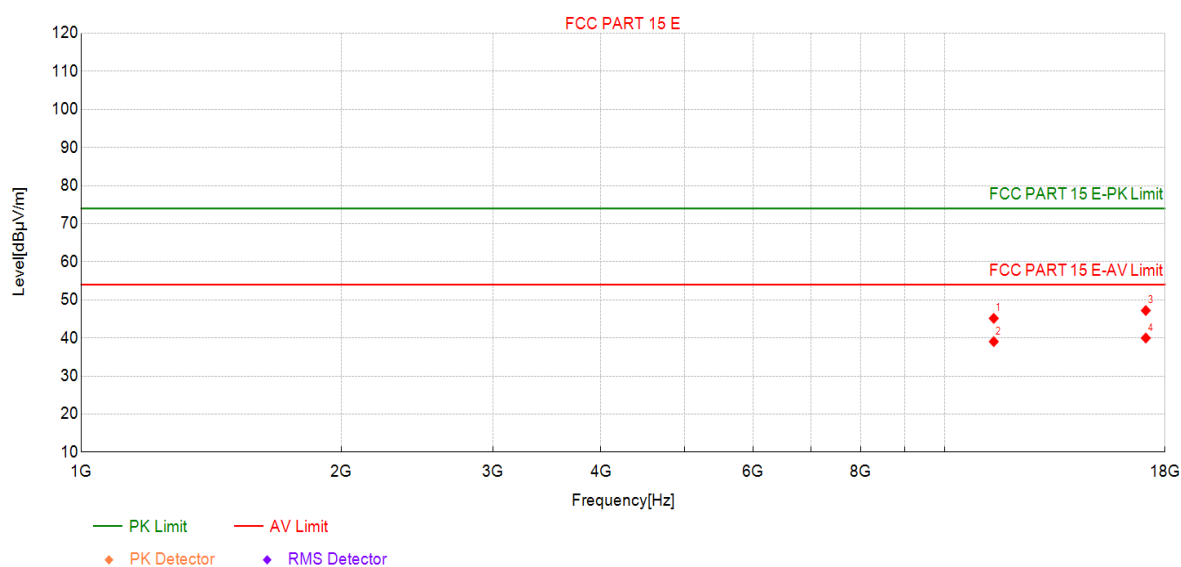
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5700MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11400	37.31	45.14	7.83	74.00	28.86	PK	Vertic	PASS
2	11400	31.20	39.03	7.83	54.00	14.97	AV	Vertic	PASS
3	17100	31.37	47.19	15.82	74.00	26.81	PK	Vertic	PASS
4	17100	24.16	39.98	15.82	54.00	14.02	AV	Vertic	PASS

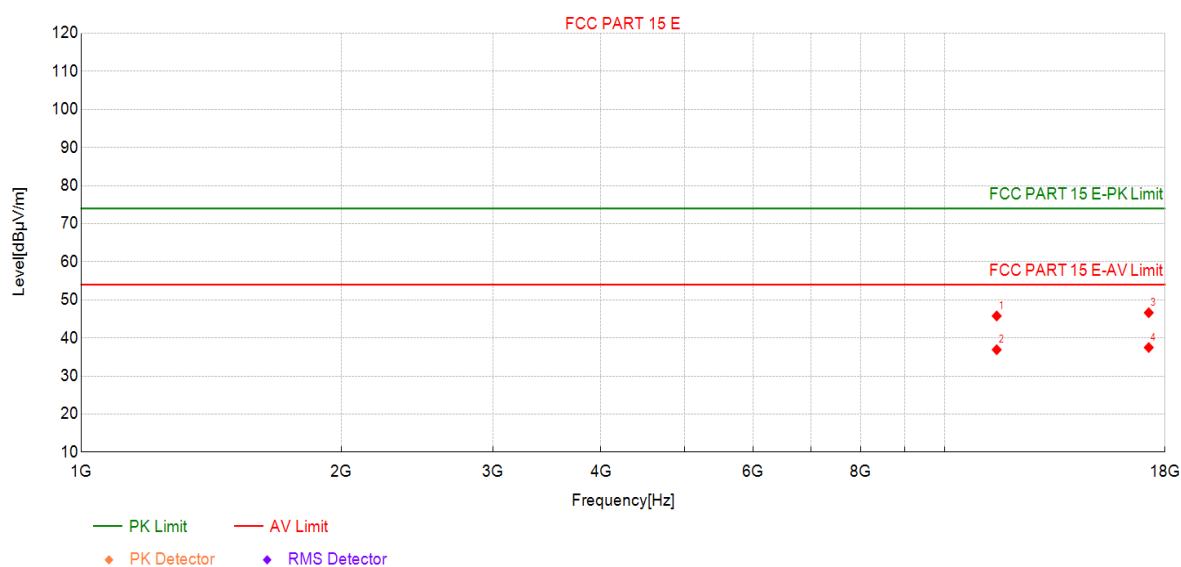
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5745MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11490	37.39	45.77	8.38	74.00	28.23	PK	Horizo	PASS
2	11490	28.52	36.90	8.38	54.00	17.10	AV	Horizo	PASS
3	17235	31.16	46.62	15.46	74.00	27.38	PK	Horizo	PASS
4	17235	22.03	37.49	15.46	54.00	16.51	AV	Horizo	PASS

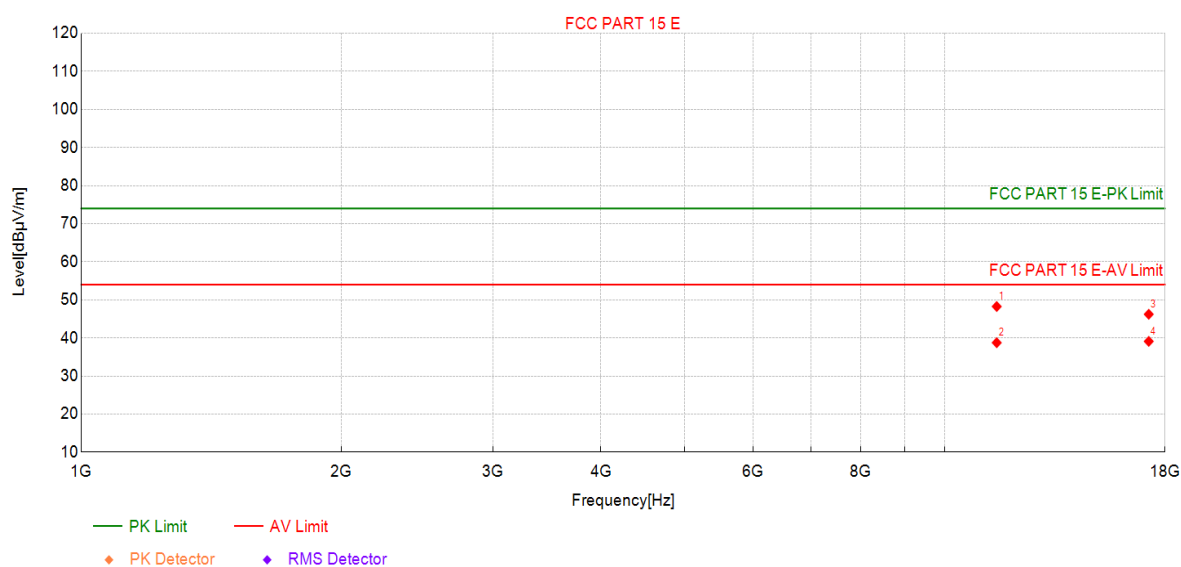
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5745MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11490	39.88	48.26	8.38	74.00	25.74	PK	Vertic	PASS
2	11490	30.37	38.75	8.38	54.00	15.25	AV	Vertic	PASS
3	17235	30.76	46.22	15.46	74.00	27.78	PK	Vertic	PASS
4	17235	23.64	39.10	15.46	54.00	14.90	AV	Vertic	PASS

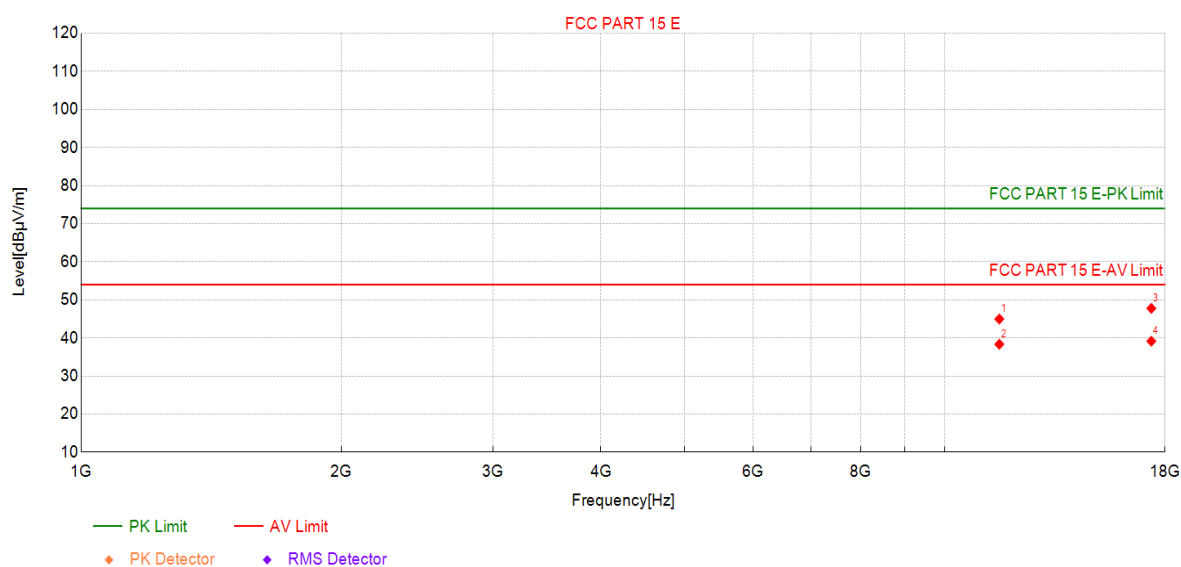
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5785MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11570	36.29	44.97	8.68	74.00	29.03	PK	Horizo	PASS
2	11570	29.66	38.34	8.68	54.00	15.66	AV	Horizo	PASS
3	17355	31.54	47.76	16.22	74.00	26.24	PK	Horizo	PASS
4	17355	22.92	39.14	16.22	54.00	14.86	AV	Horizo	PASS

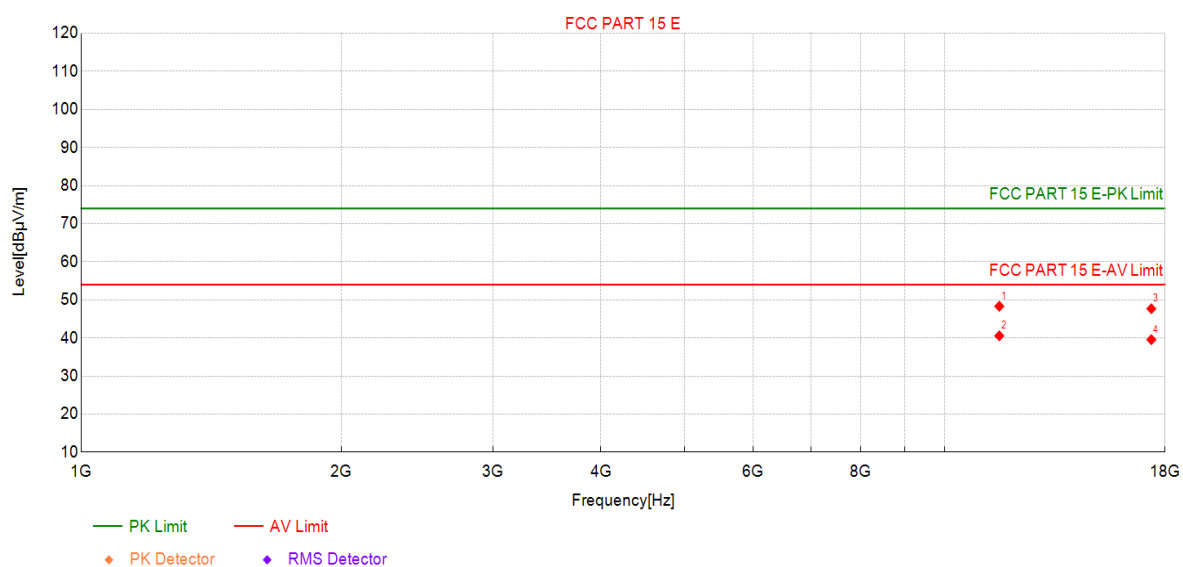
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5785MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11570	39.64	48.32	8.68	74.00	25.68	PK	Vertic	PASS
2	11570	31.88	40.56	8.68	54.00	13.44	AV	Vertic	PASS
3	17355	31.45	47.67	16.22	74.00	26.33	PK	Vertic	PASS
4	17355	23.34	39.56	16.22	54.00	14.44	AV	Vertic	PASS

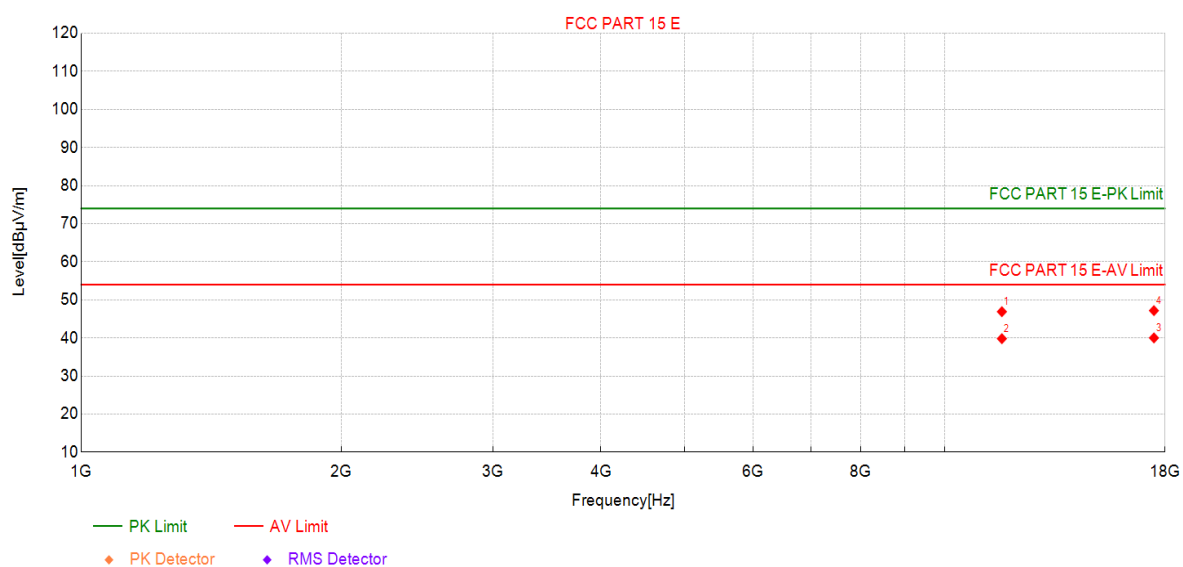
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5825MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11650	38.15	46.89	8.74	74.00	27.11	PK	Horizo	PASS
2	11650	31.07	39.81	8.74	54.00	14.19	AV	Horizo	PASS
3	17475	22.94	40.01	17.07	54.00	13.99	AV	Horizo	PASS
4	17475	30.10	47.17	17.07	74.00	26.83	PK	Horizo	PASS

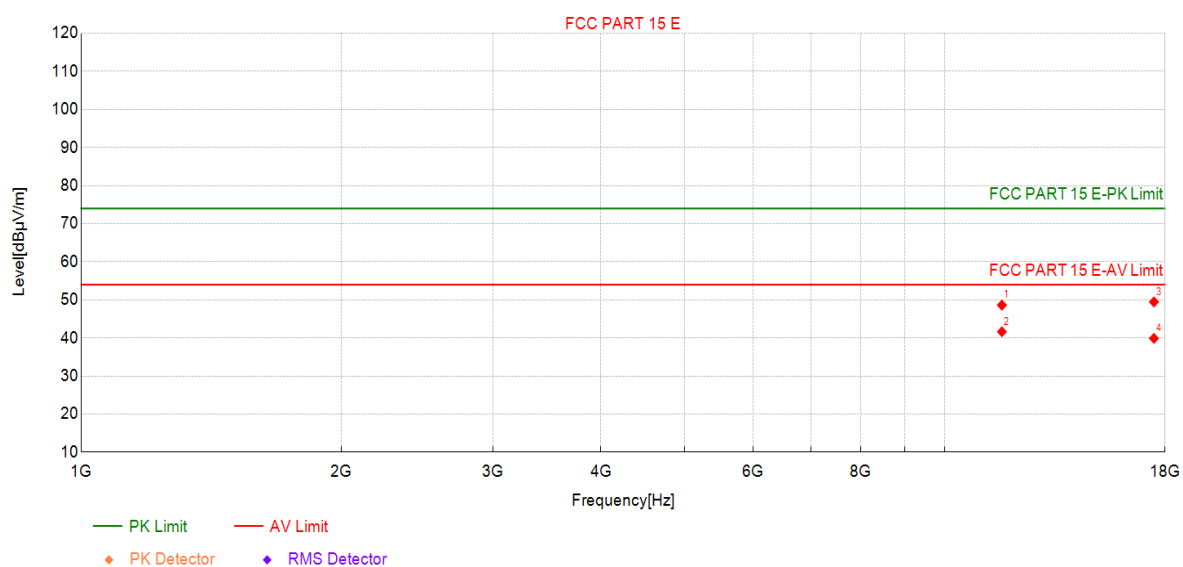
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 4:Transmit at 5825MHz by 802.11ac(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11650	39.88	48.62	8.74	74.00	25.38	PK	Vertic	PASS
2	11650	32.90	41.64	8.74	54.00	12.36	AV	Vertic	PASS
3	17475	32.39	49.46	17.07	74.00	24.54	PK	Vertic	PASS
4	17475	22.81	39.88	17.07	54.00	14.12	AV	Vertic	PASS

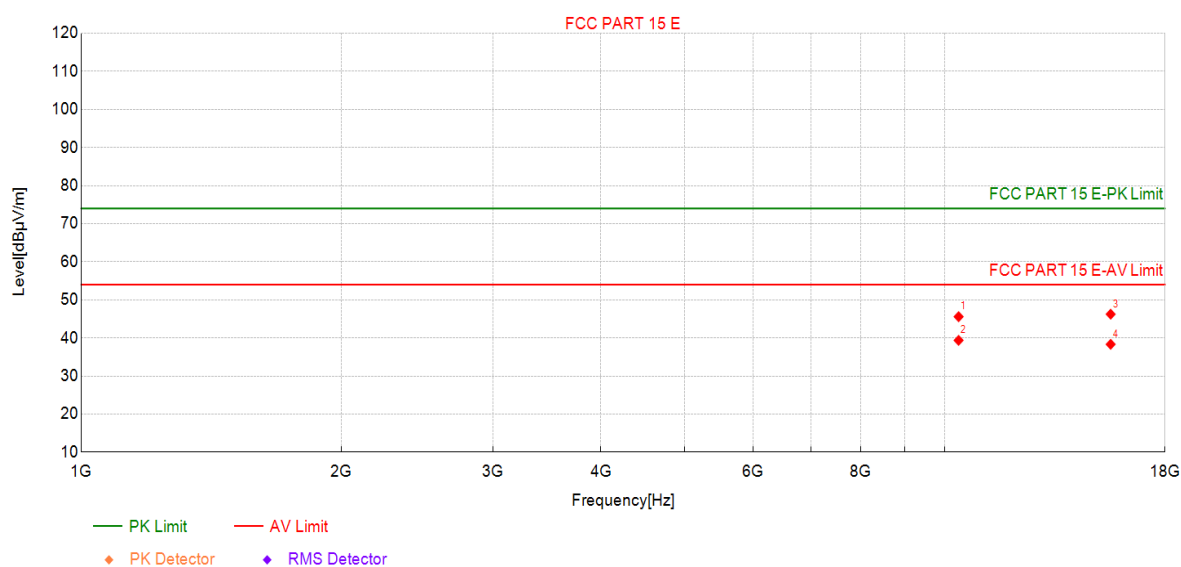
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10380	39.02	45.59	6.57	74.00	28.41	PK	Horizo	PASS
2	10380	32.80	39.37	6.57	54.00	14.63	AV	Horizo	PASS
3	15570	32.55	46.24	13.69	74.00	27.76	PK	Horizo	PASS
4	15570	24.64	38.33	13.69	54.00	15.67	AV	Horizo	PASS

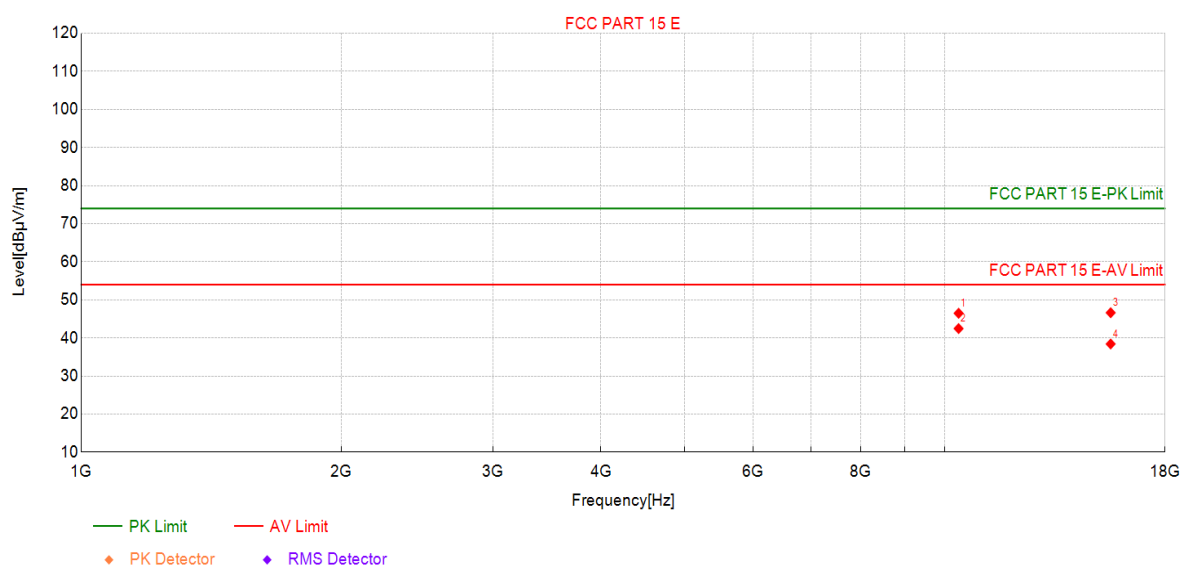
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5190MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10380	39.90	46.47	6.57	74.00	27.53	PK	Vertic	PASS
2	10380	35.89	42.46	6.57	54.00	11.54	AV	Vertic	PASS
3	15570	32.93	46.62	13.69	74.00	27.38	PK	Vertic	PASS
4	15570	24.72	38.41	13.69	54.00	15.59	AV	Vertic	PASS

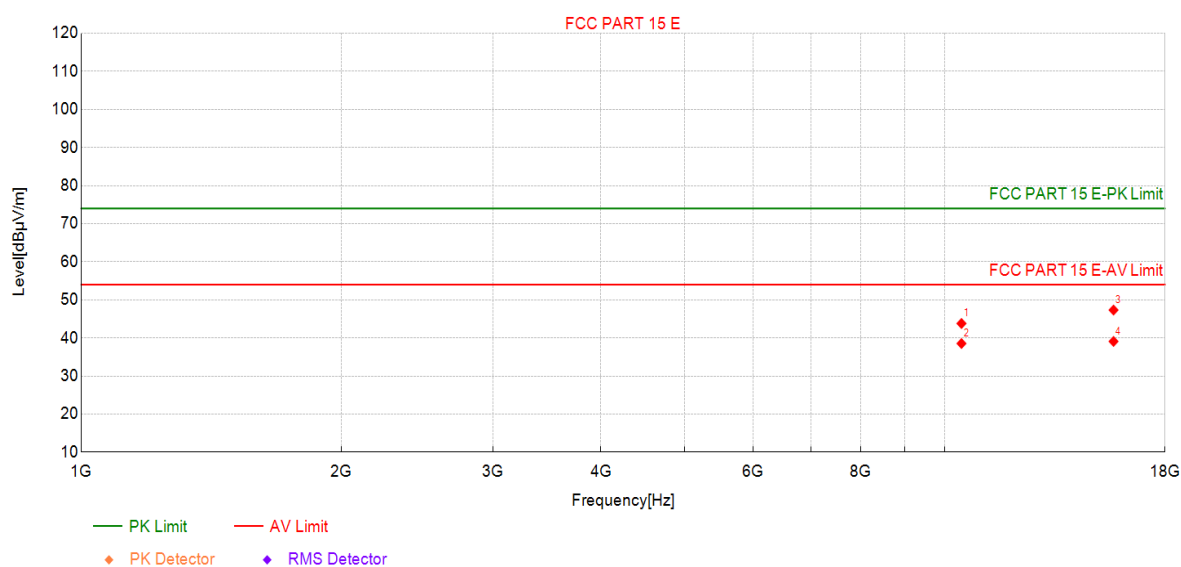
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5230MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10460	37.12	43.79	6.67	74.00	30.21	PK	Horizo	PASS
2	10460	31.87	38.54	6.67	54.00	15.46	AV	Horizo	PASS
3	15690	32.91	47.32	14.41	74.00	26.68	PK	Horizo	PASS
4	15690	24.67	39.08	14.41	54.00	14.92	AV	Horizo	PASS

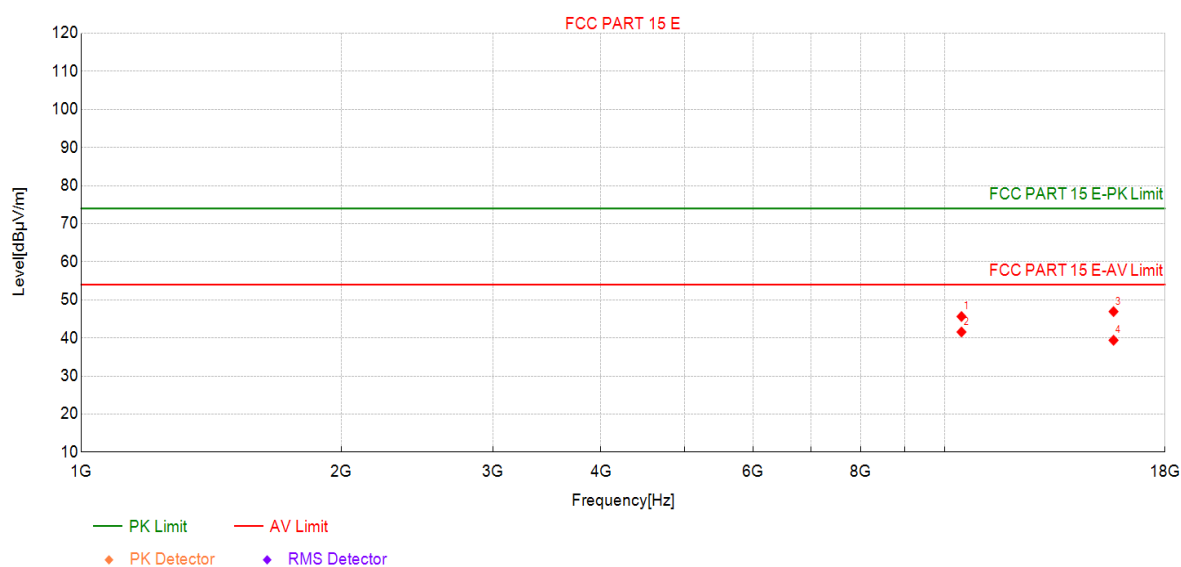
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5230MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10460	38.95	45.62	6.67	74.00	28.38	PK	Vertic	PASS
2	10460	34.90	41.57	6.67	54.00	12.43	AV	Vertic	PASS
3	15690	32.52	46.93	14.41	74.00	27.07	PK	Vertic	PASS
4	15690	24.98	39.39	14.41	54.00	14.61	AV	Vertic	PASS

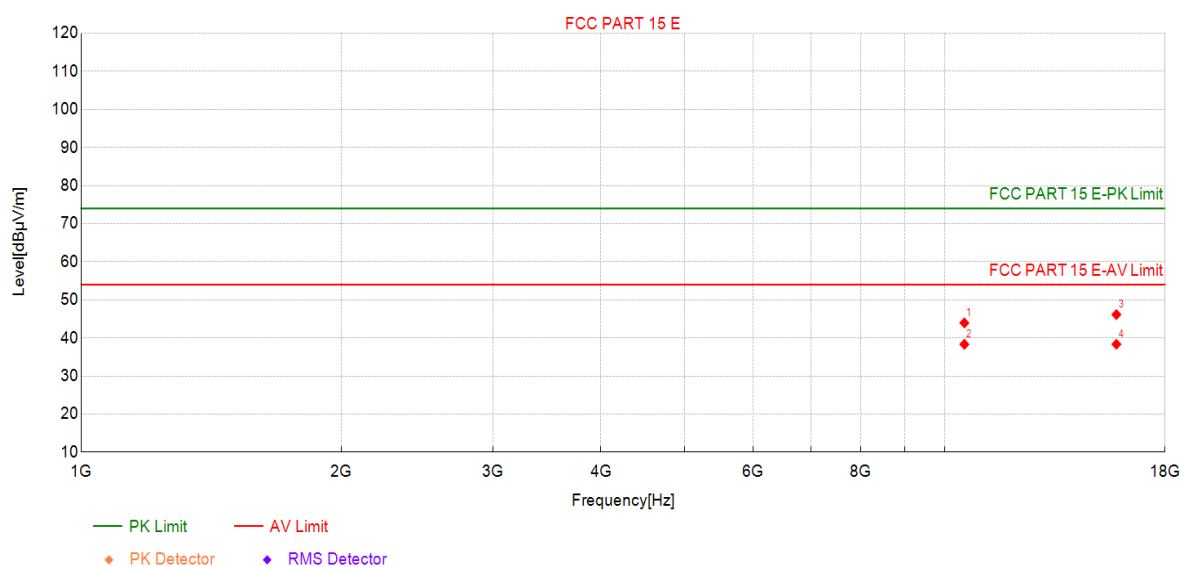
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5270MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10540	37.19	43.95	6.76	74.00	30.05	PK	Horizo	PASS
2	10540	31.57	38.33	6.76	54.00	15.67	AV	Horizo	PASS
3	15810	32.14	46.15	14.01	74.00	27.85	PK	Horizo	PASS
4	15810	24.32	38.33	14.01	54.00	15.67	AV	Horizo	PASS

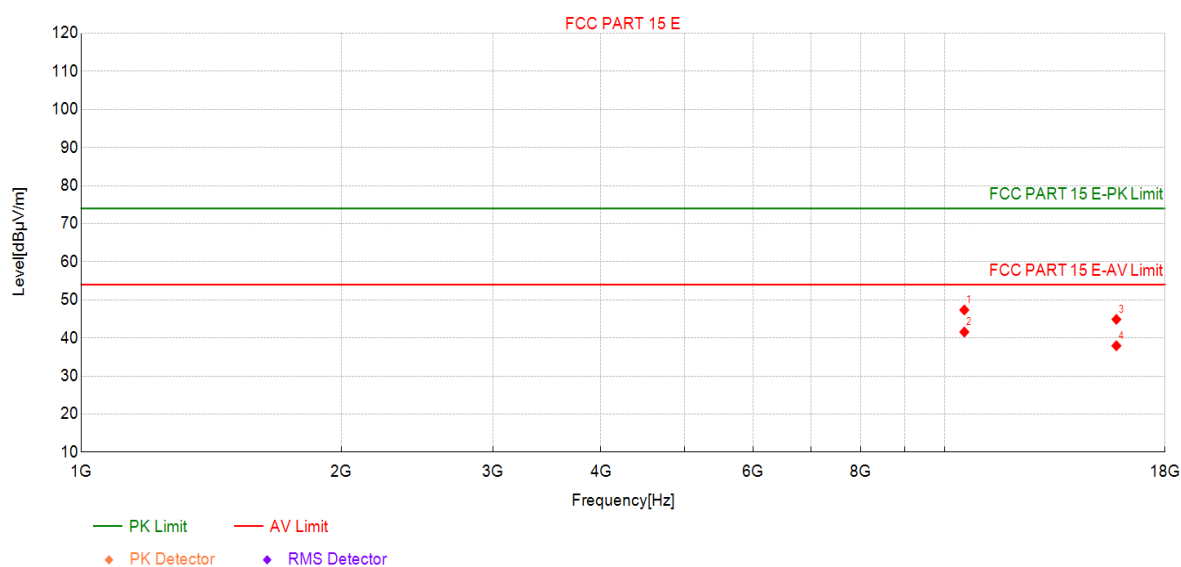
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5270MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10540	40.58	47.34	6.76	74.00	26.66	PK	Vertic	PASS
2	10540	34.79	41.55	6.76	54.00	12.45	AV	Vertic	PASS
3	15810	30.87	44.88	14.01	74.00	29.12	PK	Vertic	PASS
4	15810	23.93	37.94	14.01	54.00	16.06	AV	Vertic	PASS

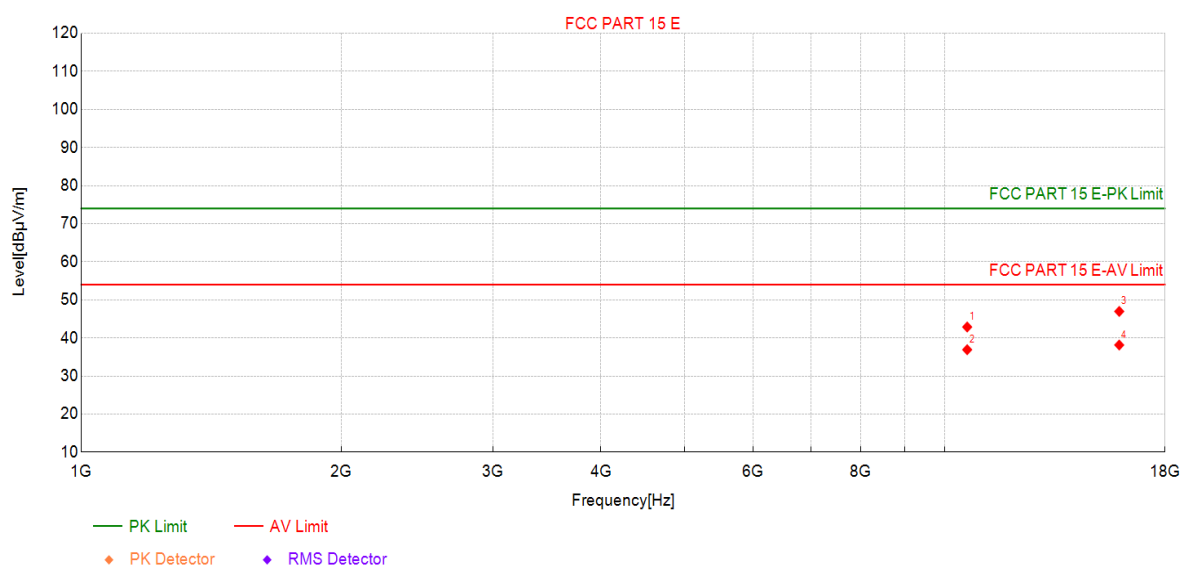
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10620	36.09	42.88	6.79	74.00	31.12	PK	Horizo	PASS
2	10620	30.12	36.91	6.79	54.00	17.09	AV	Horizo	PASS
3	15930	32.59	46.96	14.37	74.00	27.04	PK	Horizo	PASS
4	15930	23.77	38.14	14.37	54.00	15.86	AV	Horizo	PASS

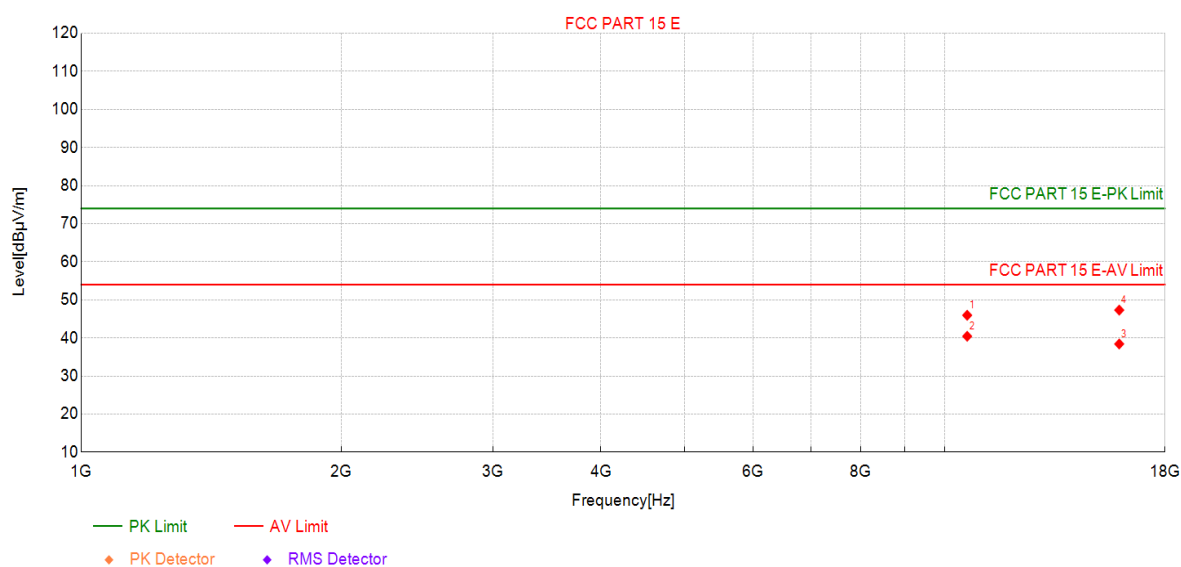
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5310MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10620	39.17	45.96	6.79	74.00	28.04	PK	Vertic	PASS
2	10620	33.65	40.44	6.79	54.00	13.56	AV	Vertic	PASS
3	15930	24.05	38.42	14.37	54.00	15.58	AV	Vertic	PASS
4	15930	32.94	47.31	14.37	74.00	26.69	PK	Vertic	PASS

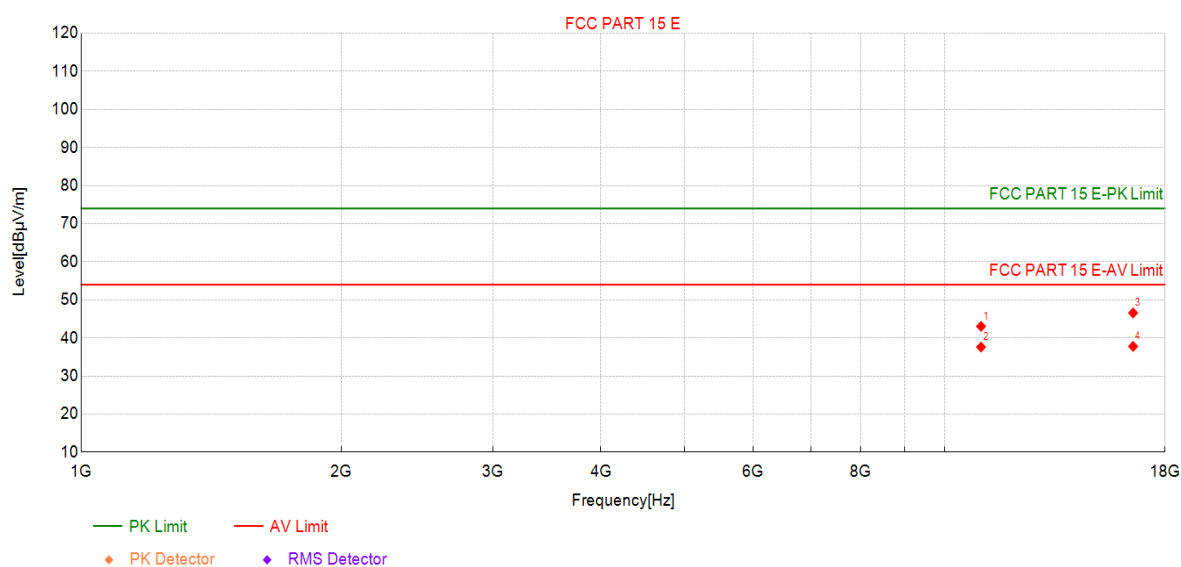
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11020	35.78	43.03	7.25	74.00	30.97	PK	Horizo	PASS
2	11020	30.37	37.62	7.25	54.00	16.38	AV	Horizo	PASS
3	16530	31.55	46.56	15.01	74.00	27.44	PK	Horizo	PASS
4	16530	22.76	37.77	15.01	54.00	16.23	AV	Horizo	PASS

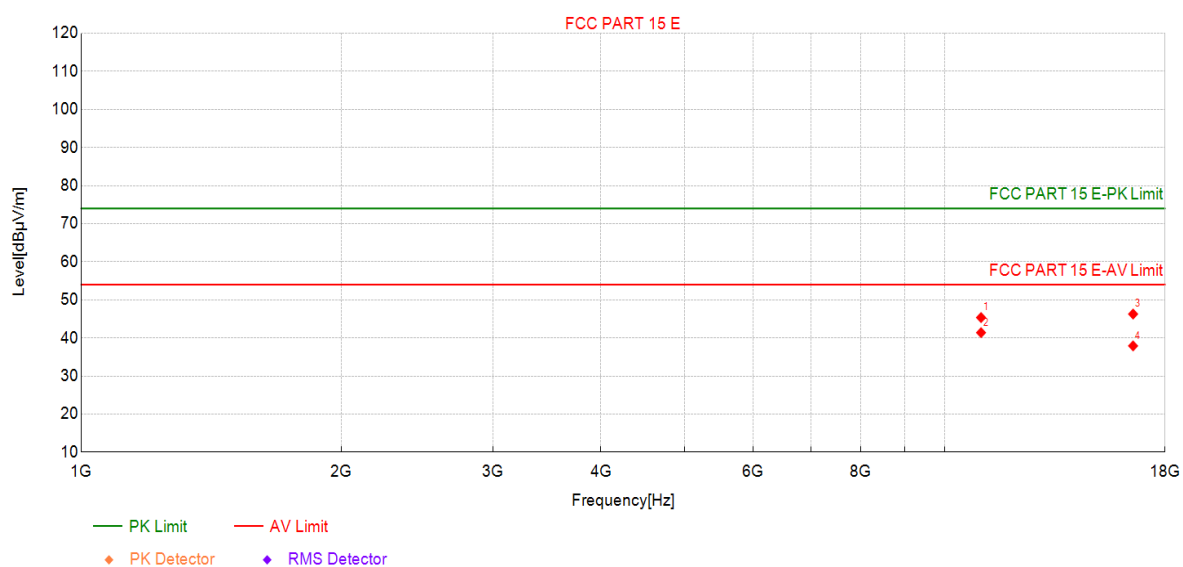
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5510MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11020	38.10	45.35	7.25	74.00	28.65	PK	Vertic	PASS
2	11020	34.14	41.39	7.25	54.00	12.61	AV	Vertic	PASS
3	16530	31.27	46.28	15.01	74.00	27.72	PK	Vertic	PASS
4	16530	22.90	37.91	15.01	54.00	16.09	AV	Vertic	PASS

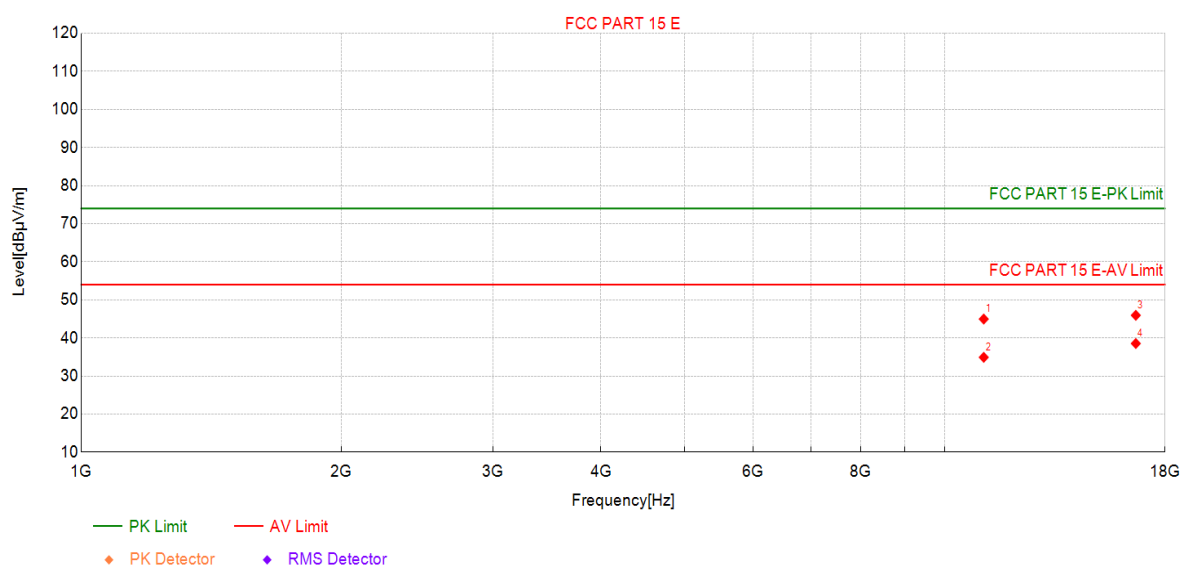
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5550MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11100	38.30	44.96	6.66	74.00	29.04	PK	Horizo	PASS
2	11100	28.25	34.91	6.66	54.00	19.09	AV	Horizo	PASS
3	16650	31.26	45.95	14.69	74.00	28.05	PK	Horizo	PASS
4	16650	23.85	38.54	14.69	54.00	15.46	AV	Horizo	PASS

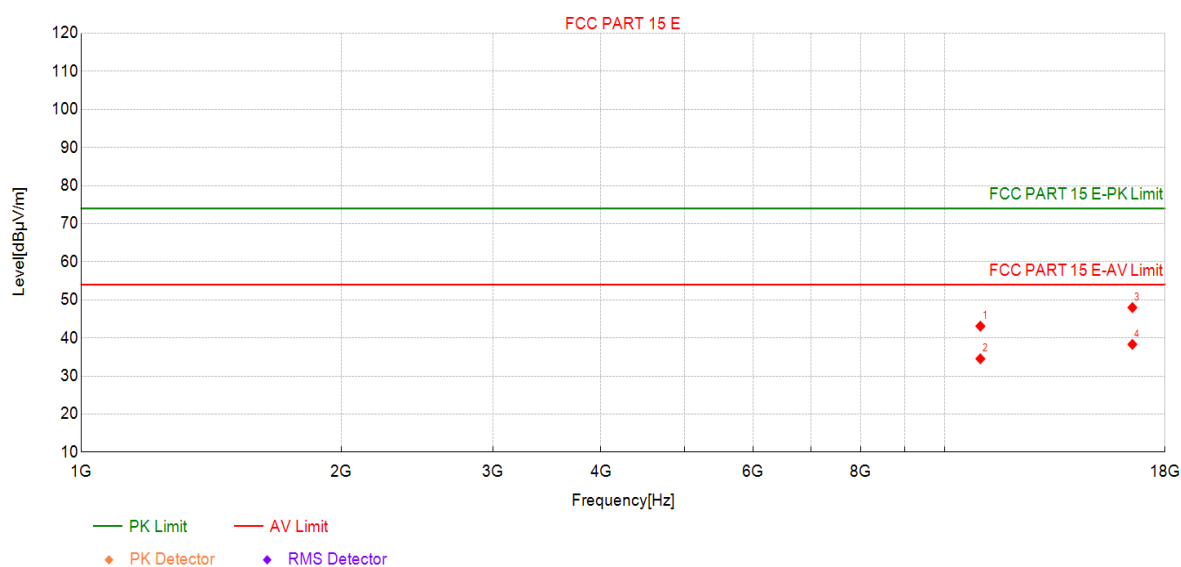
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5550MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11000	35.69	43.09	7.40	74.00	30.91	PK	Vertic	PASS
2	11000	27.12	34.52	7.40	54.00	19.48	AV	Vertic	PASS
3	16500	32.87	47.98	15.11	74.00	26.02	PK	Vertic	PASS
4	16500	23.20	38.31	15.11	54.00	15.69	AV	Vertic	PASS

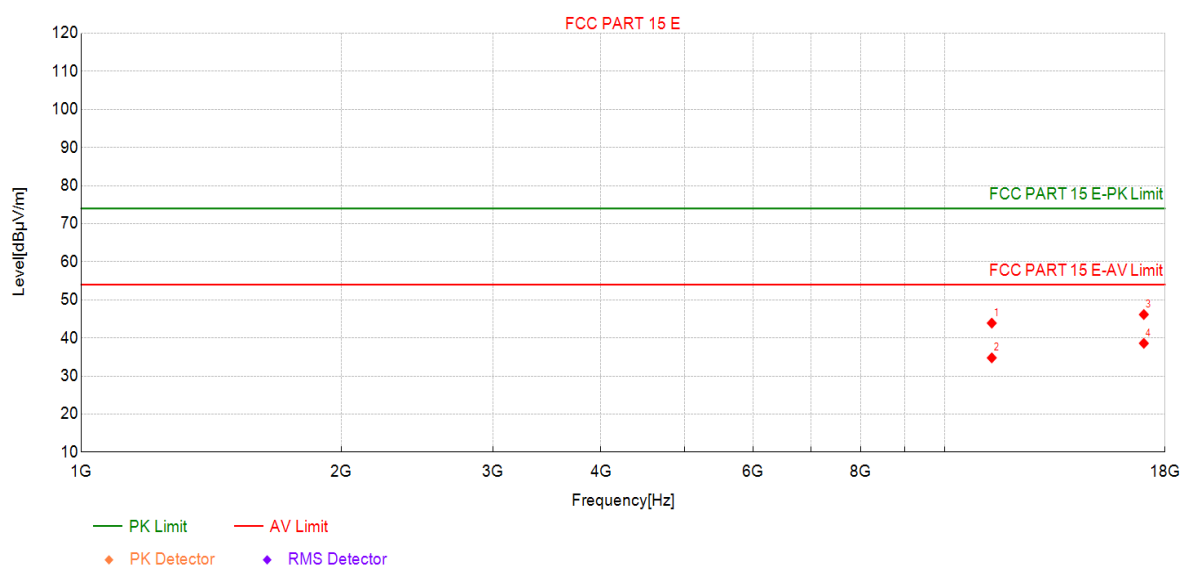
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5670MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11340	36.03	43.89	7.86	74.00	30.11	PK	Horizo	PASS
2	11340	26.91	34.77	7.86	54.00	19.23	AV	Horizo	PASS
3	17010	30.11	46.15	16.04	74.00	27.85	PK	Horizo	PASS
4	17010	22.55	38.59	16.04	54.00	15.41	AV	Horizo	PASS

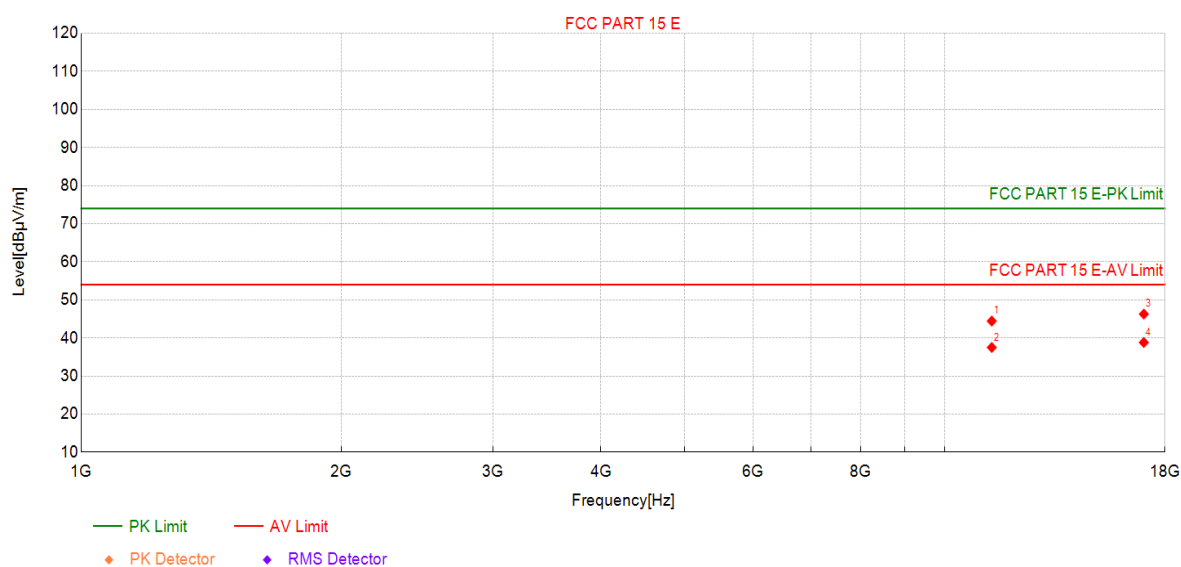
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5670MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11340	36.57	44.43	7.86	74.00	29.57	PK	Vertic	PASS
2	11340	29.63	37.49	7.86	54.00	16.51	AV	Vertic	PASS
3	17010	30.23	46.27	16.04	74.00	27.73	PK	Vertic	PASS
4	17010	22.77	38.81	16.04	54.00	15.19	AV	Vertic	PASS

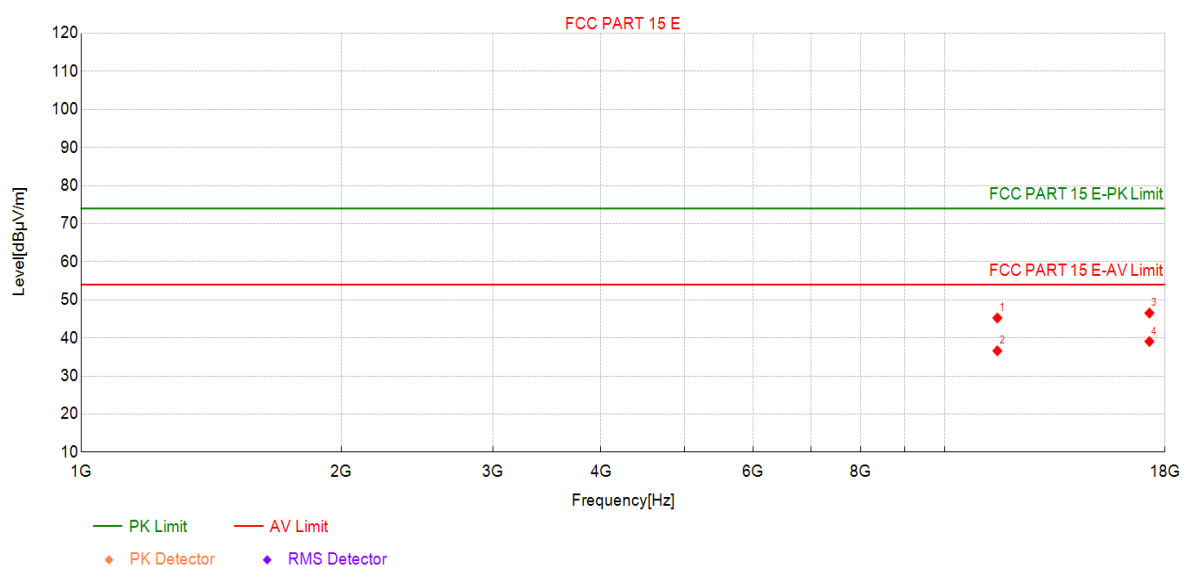
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5755MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11510	36.76	45.24	8.48	74.00	28.76	PK	Horizo	PASS
2	11510	28.12	36.60	8.48	54.00	17.40	AV	Horizo	PASS
3	17265	31.03	46.54	15.51	74.00	27.46	PK	Horizo	PASS
4	17265	23.55	39.06	15.51	54.00	14.94	AV	Horizo	PASS

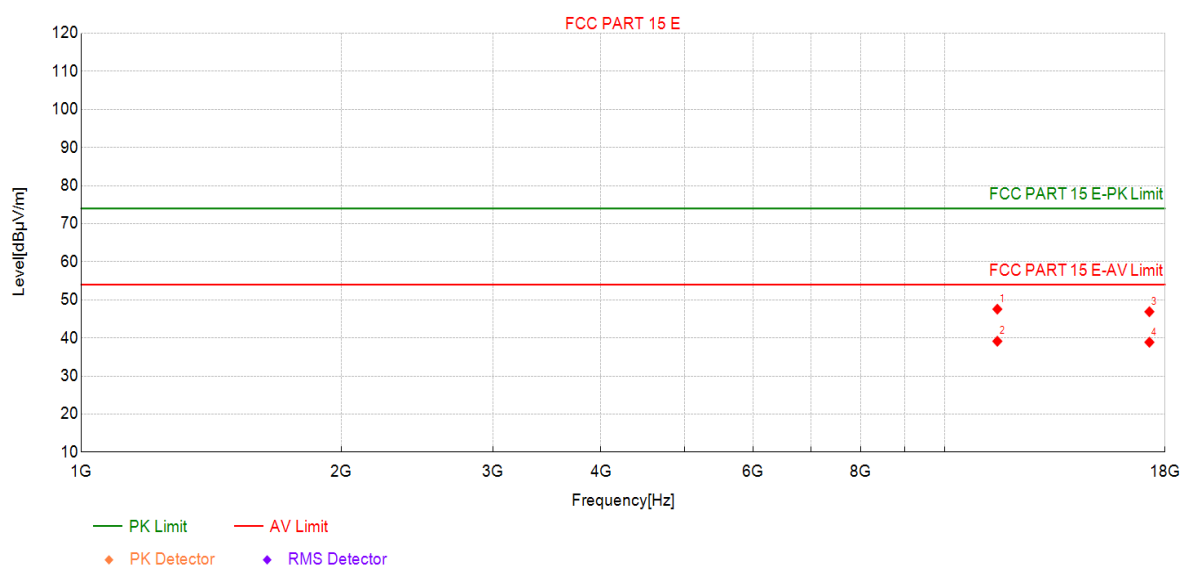
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5755MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11510	39.08	47.56	8.48	74.00	26.44	PK	Vertic	PASS
2	11510	30.65	39.13	8.48	54.00	14.87	AV	Vertic	PASS
3	17265	31.38	46.89	15.51	74.00	27.11	PK	Vertic	PASS
4	17265	23.36	38.87	15.51	54.00	15.13	AV	Vertic	PASS

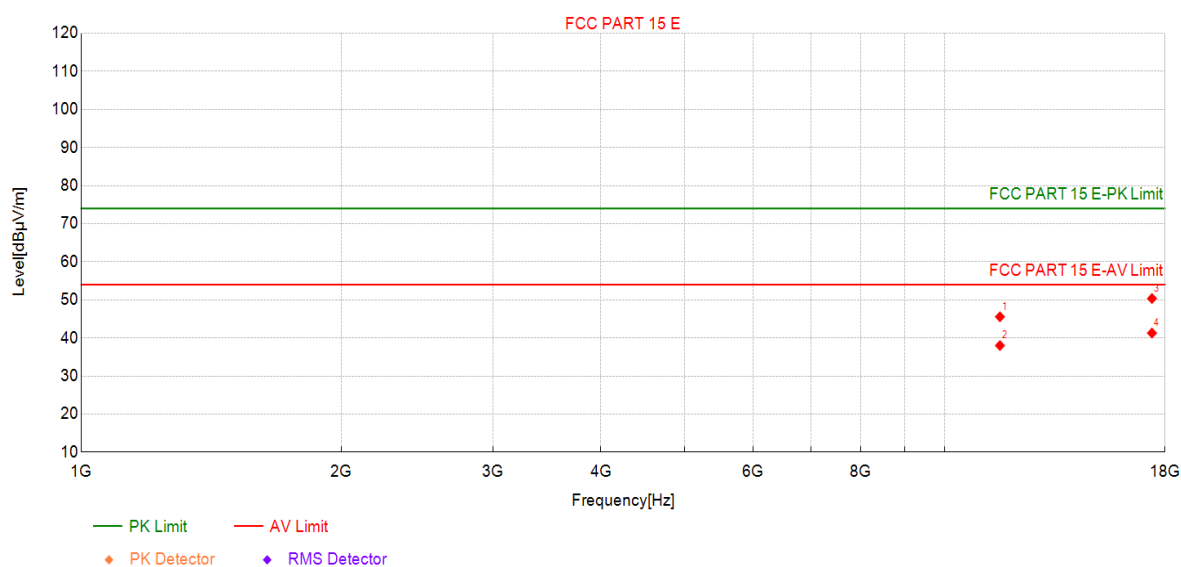
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5795MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11590	36.82	45.56	8.74	74.00	28.44	PK	Horizo	PASS
2	11590	29.26	38.00	8.74	54.00	16.00	AV	Horizo	PASS
3	17385	33.78	50.36	16.58	74.00	23.64	PK	Horizo	PASS
4	17385	24.71	41.29	16.58	54.00	12.71	AV	Horizo	PASS

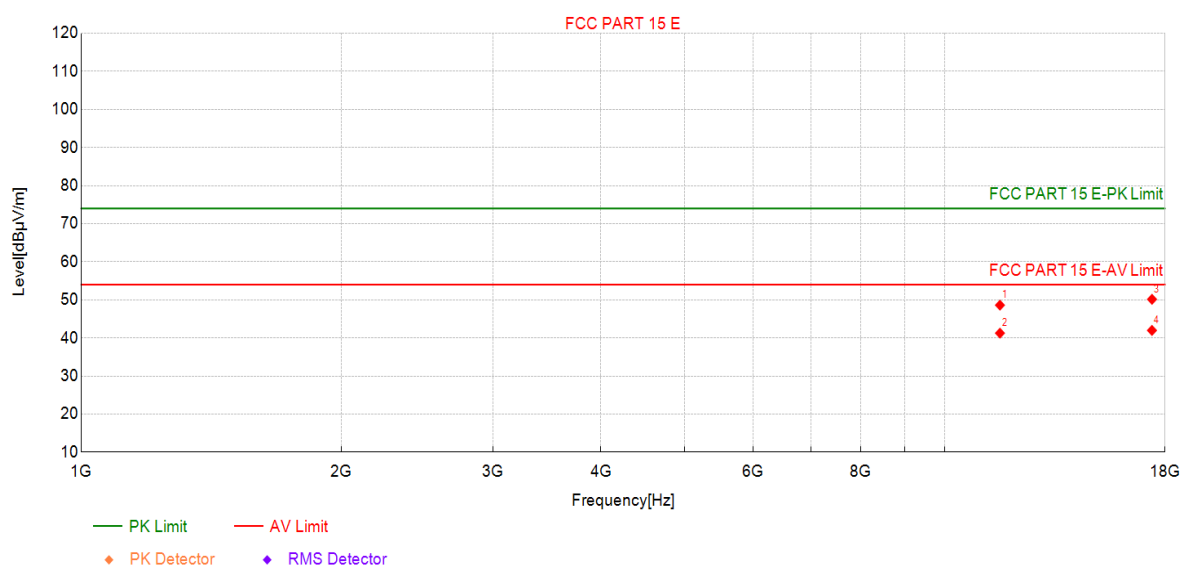
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 5:Transmit at 5795MHz by 802.11ac(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11590	39.87	48.61	8.74	74.00	25.39	PK	Vertic	PASS
2	11590	32.52	41.26	8.74	54.00	12.74	AV	Vertic	PASS
3	17385	33.57	50.15	16.58	74.00	23.85	PK	Vertic	PASS
4	17385	25.40	41.98	16.58	54.00	12.02	AV	Vertic	PASS

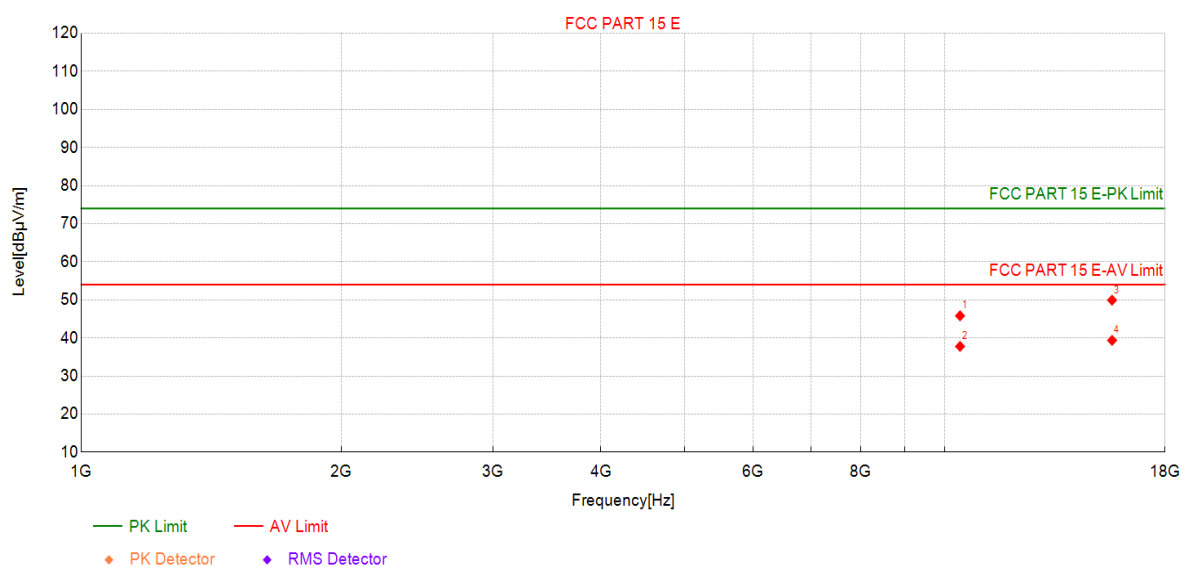
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10420	39.22	45.82	6.60	74.00	28.18	PK	Horizo	PASS
2	10420	31.18	37.78	6.60	54.00	16.22	AV	Horizo	PASS
3	15630	36.14	49.92	13.78	74.00	24.08	PK	Horizo	PASS
4	15630	25.58	39.36	13.78	54.00	14.64	AV	Horizo	PASS

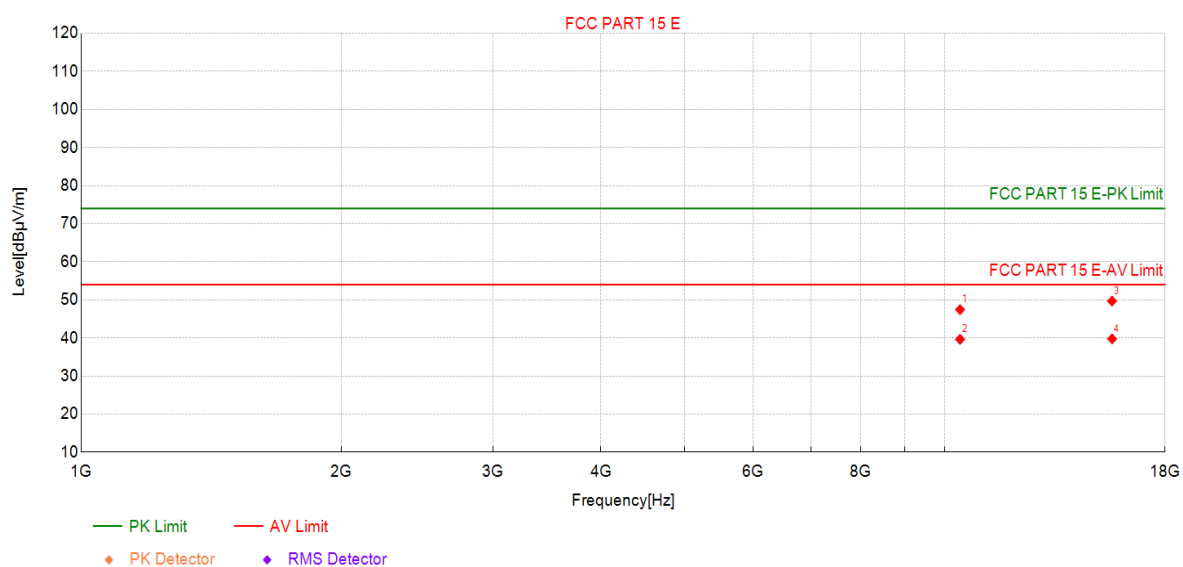
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 6:Transmit at 5210MHz by 802.11ac(80MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10420	40.84	47.44	6.60	74.00	26.56	PK	Vertic	PASS
2	10420	33.05	39.65	6.60	54.00	14.35	AV	Vertic	PASS
3	15630	35.91	49.69	13.78	74.00	24.31	PK	Vertic	PASS
4	15630	25.97	39.75	13.78	54.00	14.25	AV	Vertic	PASS

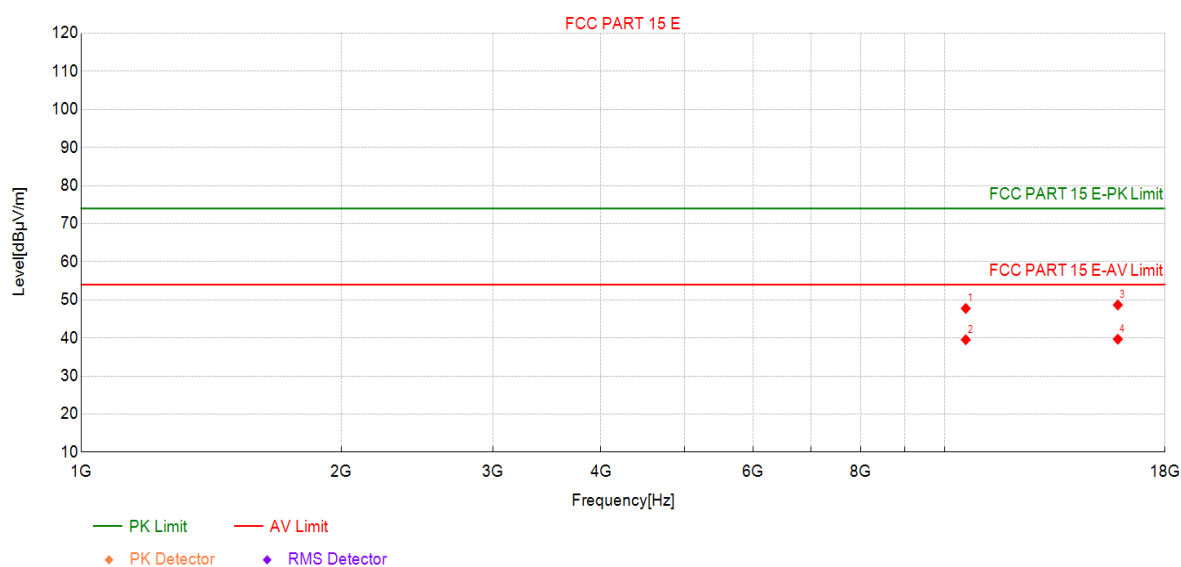
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10580	40.97	47.74	6.77	74.00	26.26	PK	Horizo	PASS
2	10580	32.76	39.53	6.77	54.00	14.47	AV	Horizo	PASS
3	15870	34.57	48.66	14.09	74.00	25.34	PK	Horizo	PASS
4	15870	25.59	39.68	14.09	54.00	14.32	AV	Horizo	PASS

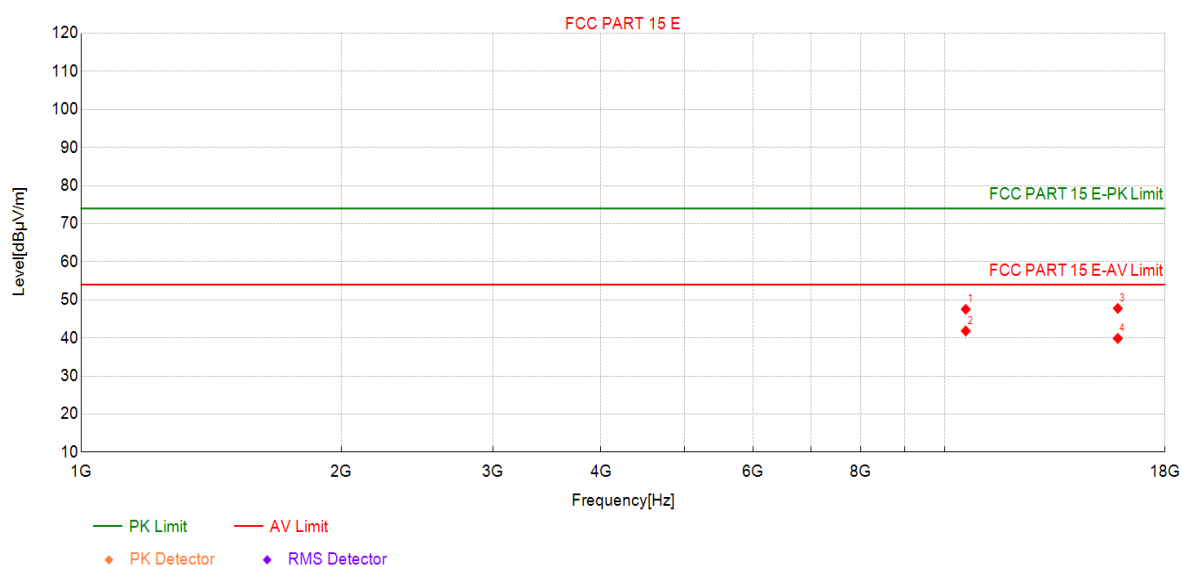
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 6:Transmit at 5290MHz by 802.11ac(80MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10580	40.76	47.53	6.77	74.00	26.47	PK	Vertic	PASS
2	10580	35.07	41.84	6.77	54.00	12.16	AV	Vertic	PASS
3	15870	33.67	47.76	14.09	74.00	26.24	PK	Vertic	PASS
4	15870	25.79	39.88	14.09	54.00	14.12	AV	Vertic	PASS

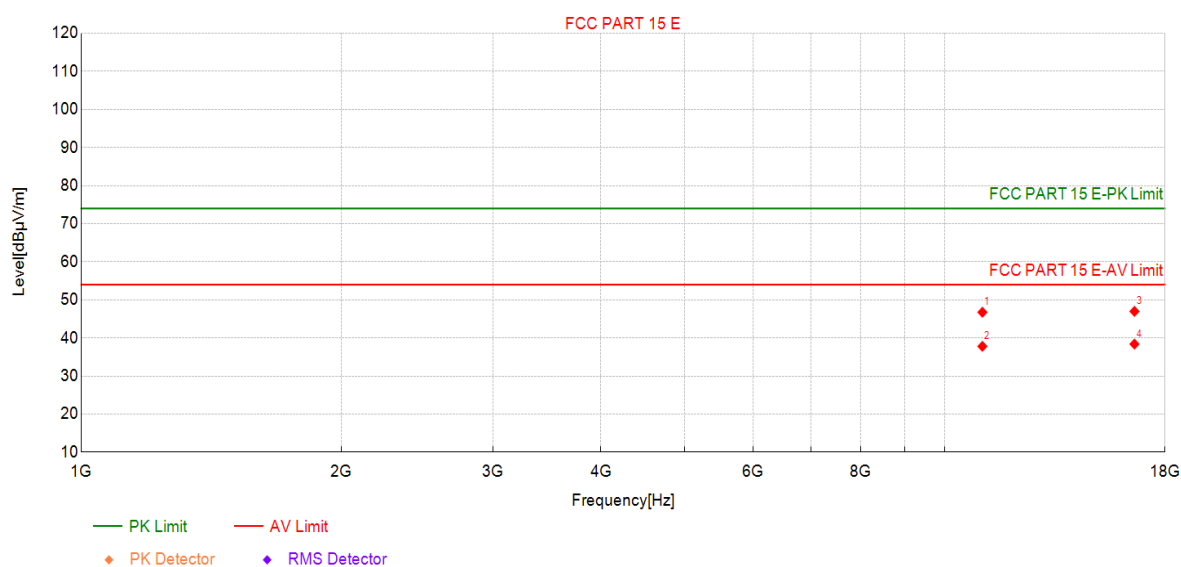
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11060	39.79	46.75	6.96	74.00	27.25	PK	Horizo	PASS
2	11060	30.84	37.80	6.96	54.00	16.20	AV	Horizo	PASS
3	16590	32.18	46.98	14.80	74.00	27.02	PK	Horizo	PASS
4	16590	23.59	38.39	14.80	54.00	15.61	AV	Horizo	PASS

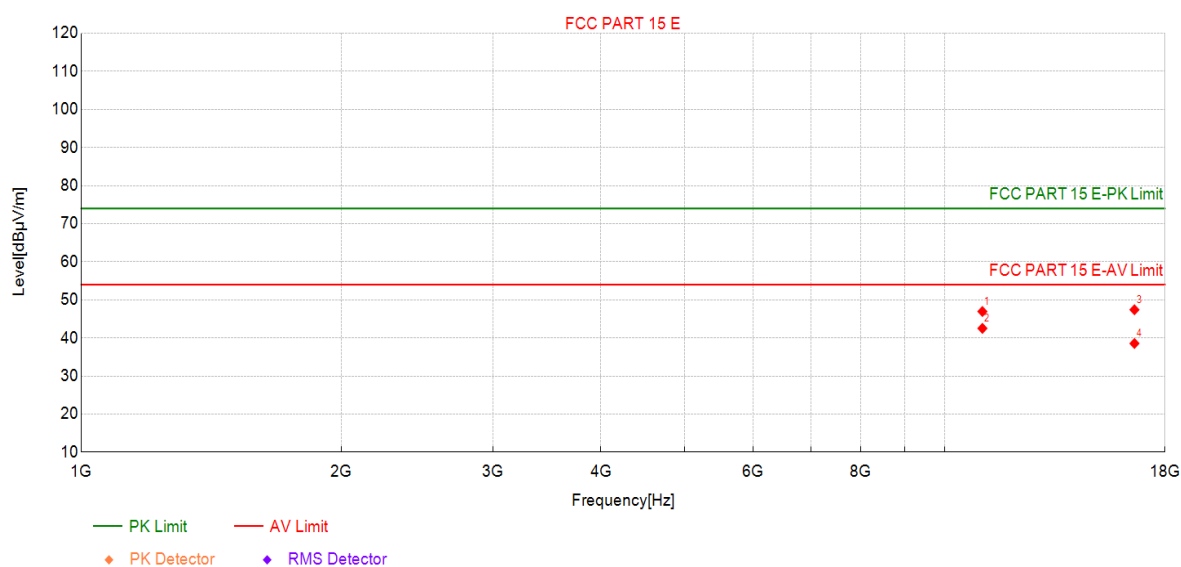
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 6:Transmit at 5530MHz by 802.11ac(80MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11060	39.98	46.94	6.96	74.00	27.06	PK	Vertic	PASS
2	11060	35.56	42.52	6.96	54.00	11.48	AV	Vertic	PASS
3	16590	32.61	47.41	14.80	74.00	26.59	PK	Vertic	PASS
4	16590	23.74	38.54	14.80	54.00	15.46	AV	Vertic	PASS

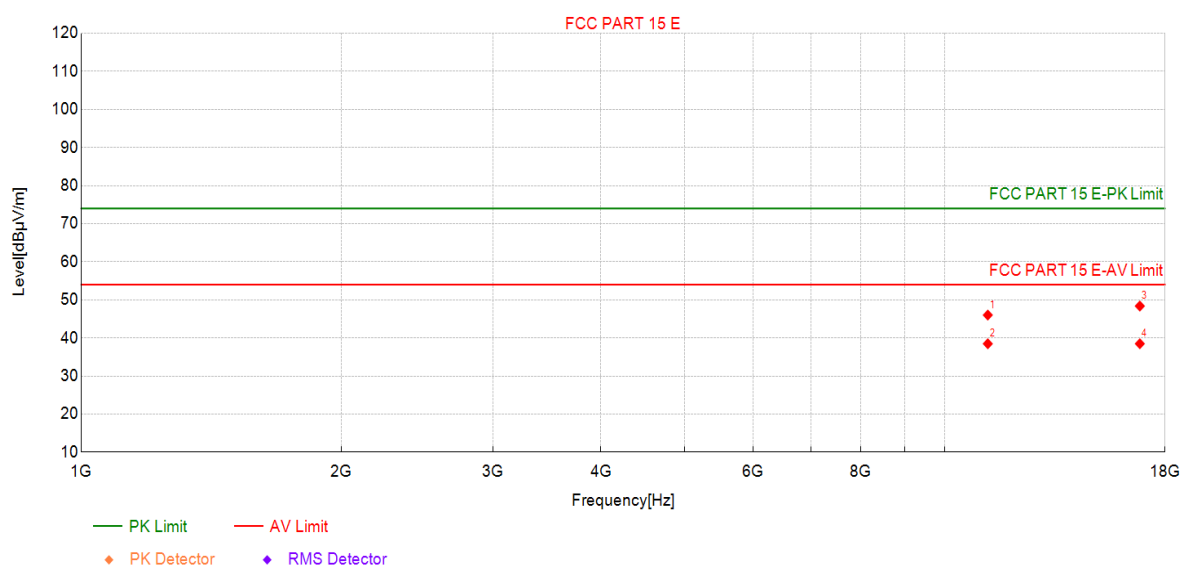
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 6:Transmit at 5610MHz by 802.11ac(80MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11220	38.28	46.01	7.73	74.00	27.99	PK	Horizo	PASS
2	11220	30.74	38.47	7.73	54.00	15.53	AV	Horizo	PASS
3	16830	33.46	48.38	14.92	74.00	25.62	PK	Horizo	PASS
4	16830	23.56	38.48	14.92	54.00	15.52	AV	Horizo	PASS

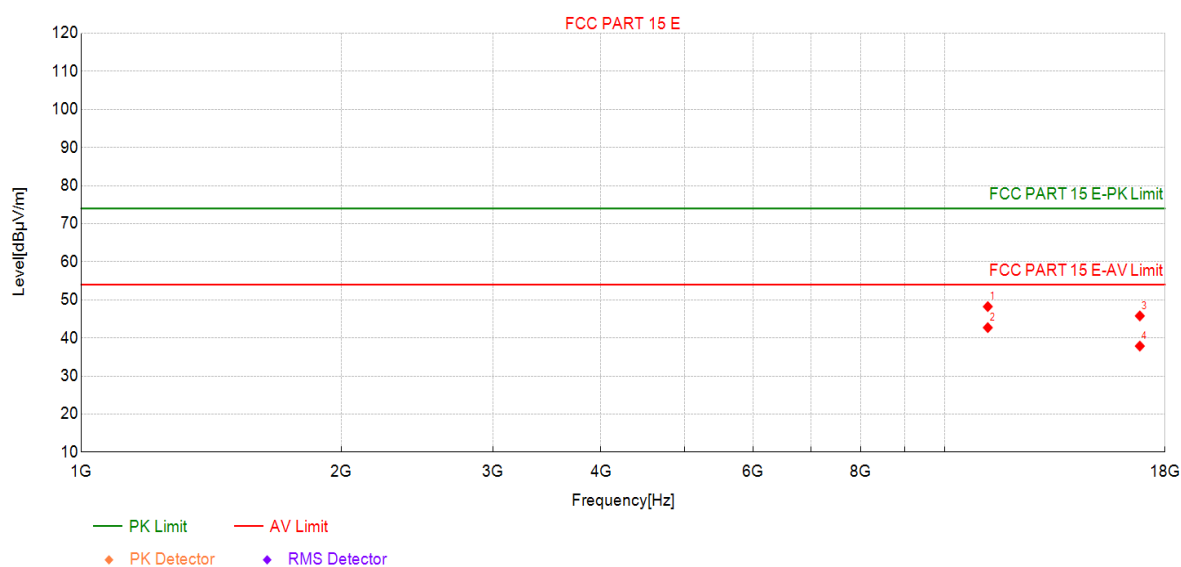
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 6:Transmit at 5610MHz by 802.11ac(80MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11220	40.50	48.23	7.73	74.00	25.77	PK	Vertic	PASS
2	11220	34.98	42.71	7.73	54.00	11.29	AV	Vertic	PASS
3	16830	30.86	45.78	14.92	74.00	28.22	PK	Vertic	PASS
4	16830	22.94	37.86	14.92	54.00	16.14	AV	Vertic	PASS

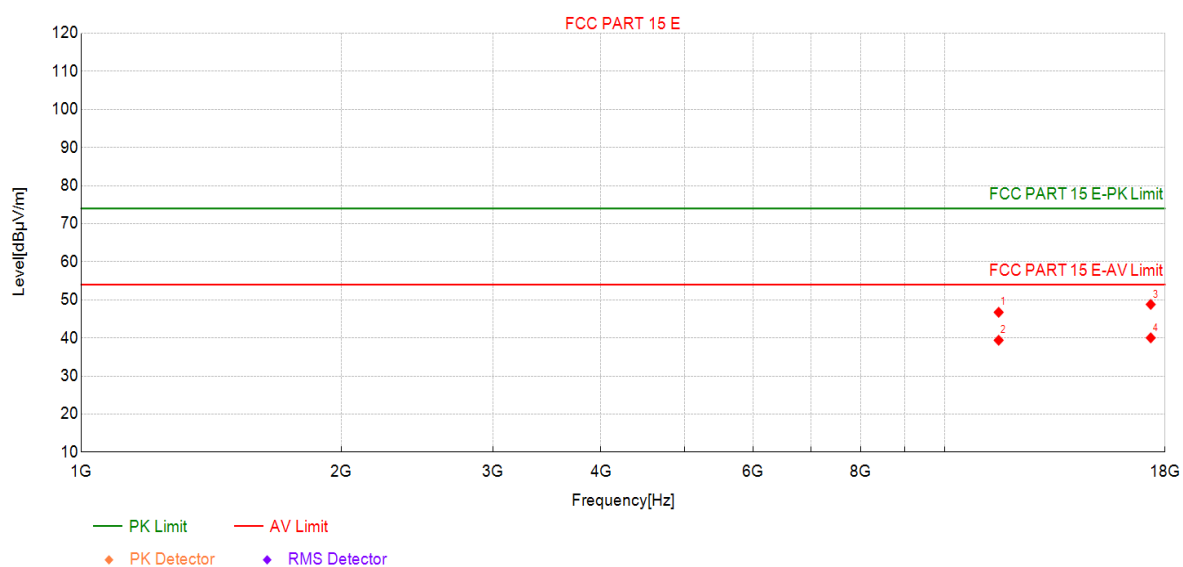
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 6:Transmit at 5775MHz by 802.11ac(80MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11550	38.13	46.74	8.61	74.00	27.26	PK	Horizo	PASS
2	11550	30.78	39.39	8.61	54.00	14.61	AV	Horizo	PASS
3	17325	32.93	48.80	15.87	74.00	25.20	PK	Horizo	PASS
4	17325	24.15	40.02	15.87	54.00	13.98	AV	Horizo	PASS

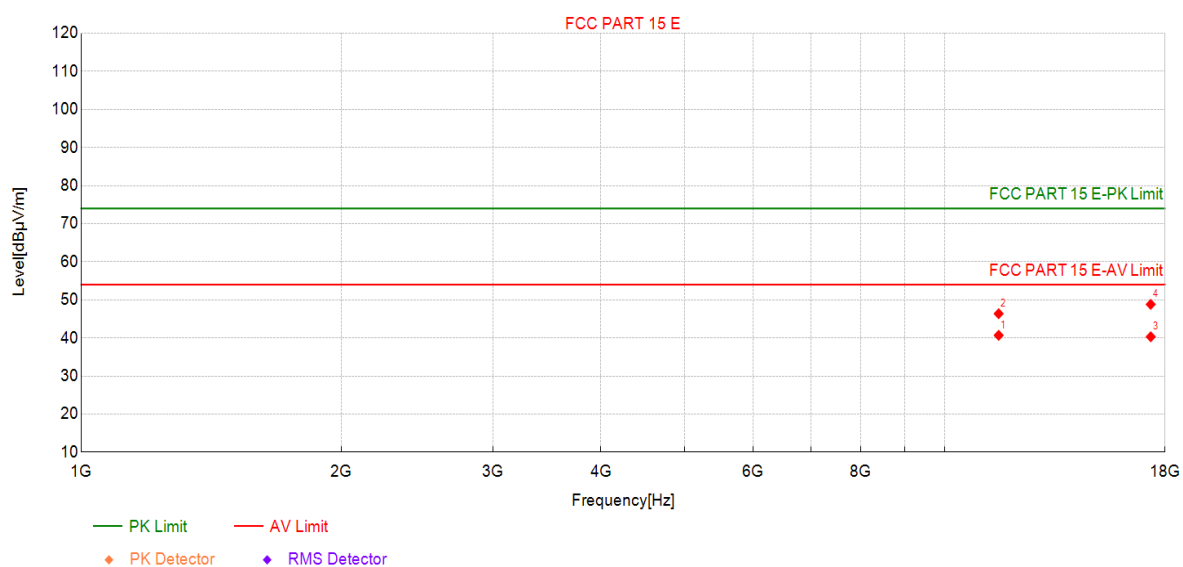
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 6:Transmit at 5775MHz by 802.11ac(80MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11550	32.08	40.69	8.61	54.00	13.31	AV	Vertic	PASS
2	11550	37.76	46.37	8.61	74.00	27.63	PK	Vertic	PASS
3	17325	24.44	40.31	15.87	54.00	13.69	AV	Vertic	PASS
4	17325	32.95	48.82	15.87	74.00	25.18	PK	Vertic	PASS

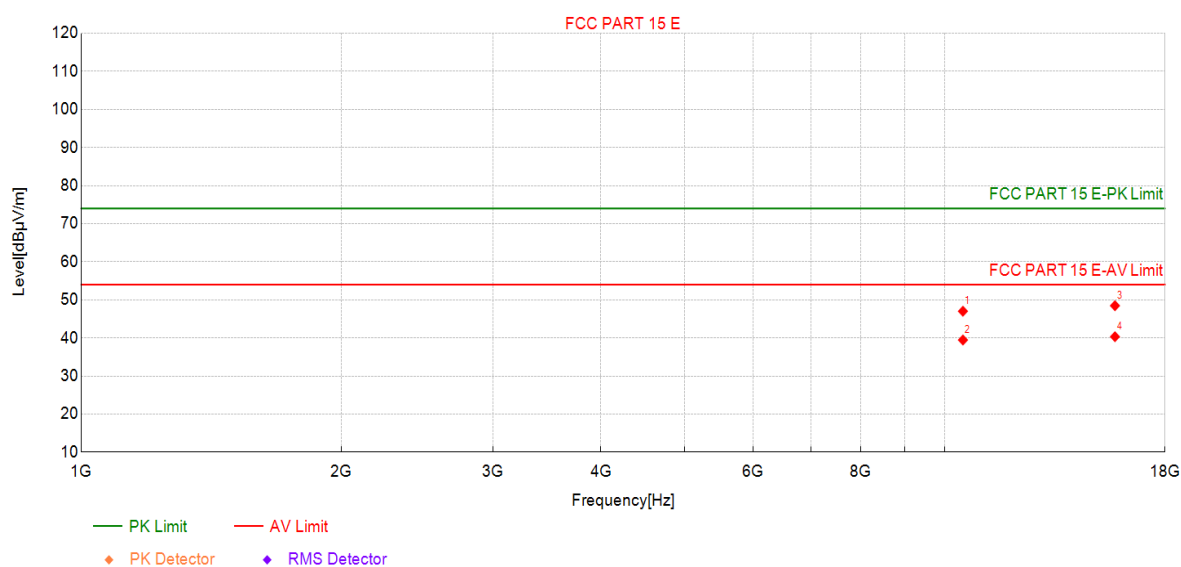
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 7:Transmit at 5250MHz by 802.11ac(160MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10500	40.27	47.02	6.75	74.00	26.98	PK	Horizo	PASS
2	10500	32.71	39.46	6.75	54.00	14.54	AV	Horizo	PASS
3	15750	34.23	48.47	14.24	74.00	25.53	PK	Horizo	PASS
4	15750	26.08	40.32	14.24	54.00	13.68	AV	Horizo	PASS

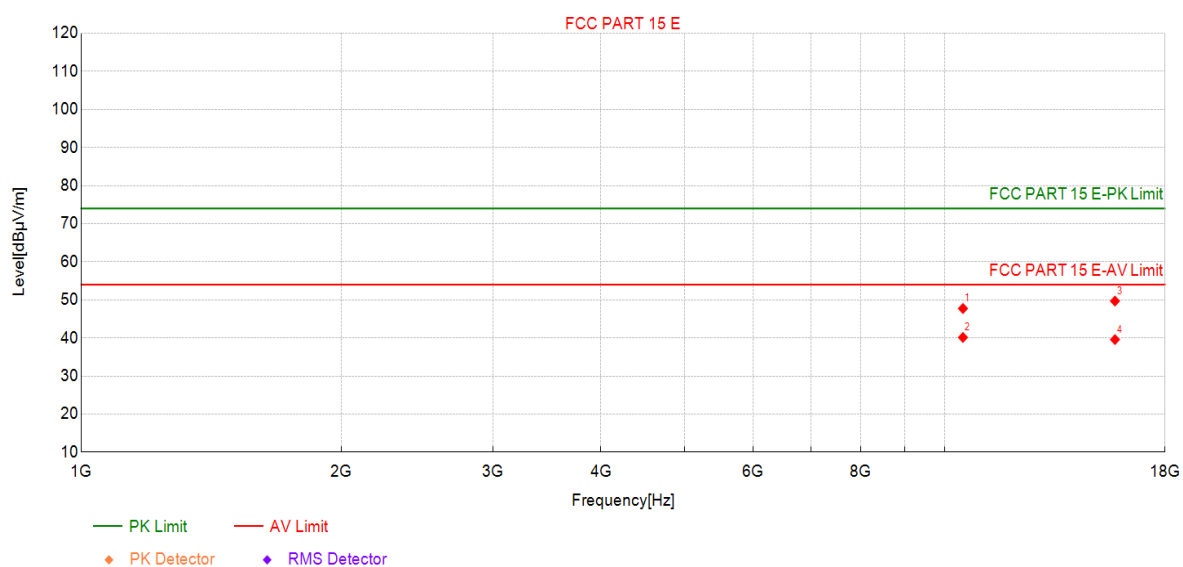
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 7:Transmit at 5250MHz by 802.11ac(160MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10500	40.98	47.73	6.75	74.00	26.27	PK	Vertic	PASS
2	10500	33.38	40.13	6.75	54.00	13.87	AV	Vertic	PASS
3	15750	35.45	49.69	14.24	74.00	24.31	PK	Vertic	PASS
4	15750	25.34	39.58	14.24	54.00	14.42	AV	Vertic	PASS

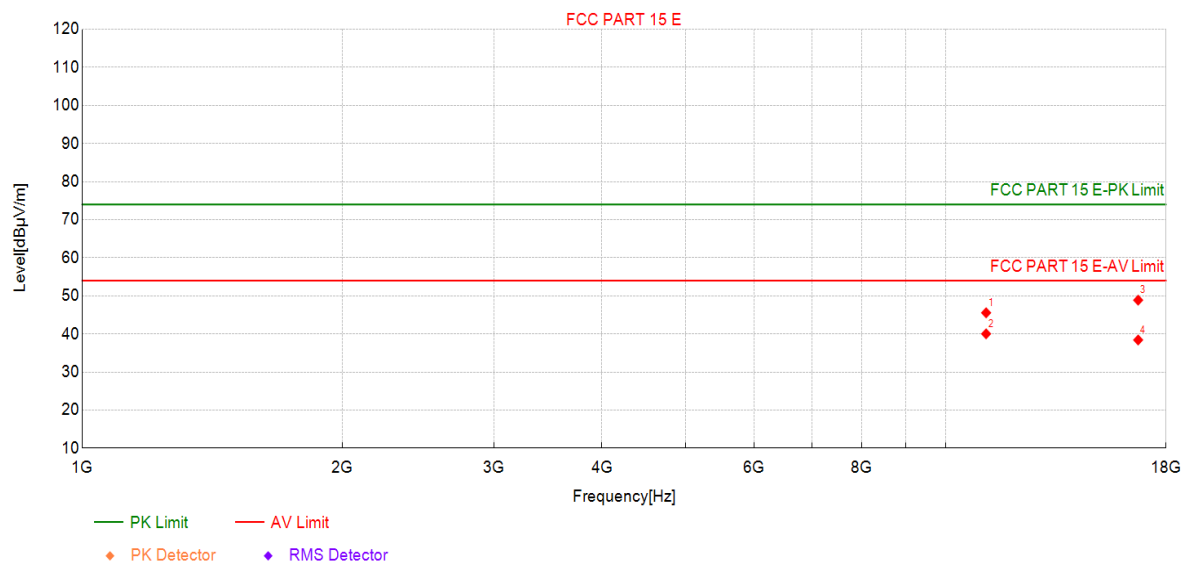
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 7:Transmit at 5570MHz by 802.11ac(160MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11140	38.47	45.55	7.08	74.00	28.45	PK	Horizo	PASS
2	11140	32.95	40.03	7.08	54.00	13.97	AV	Horizo	PASS
3	16710	34.25	48.87	14.62	74.00	25.13	PK	Horizo	PASS
4	16710	23.79	38.41	14.62	54.00	15.59	AV	Horizo	PASS

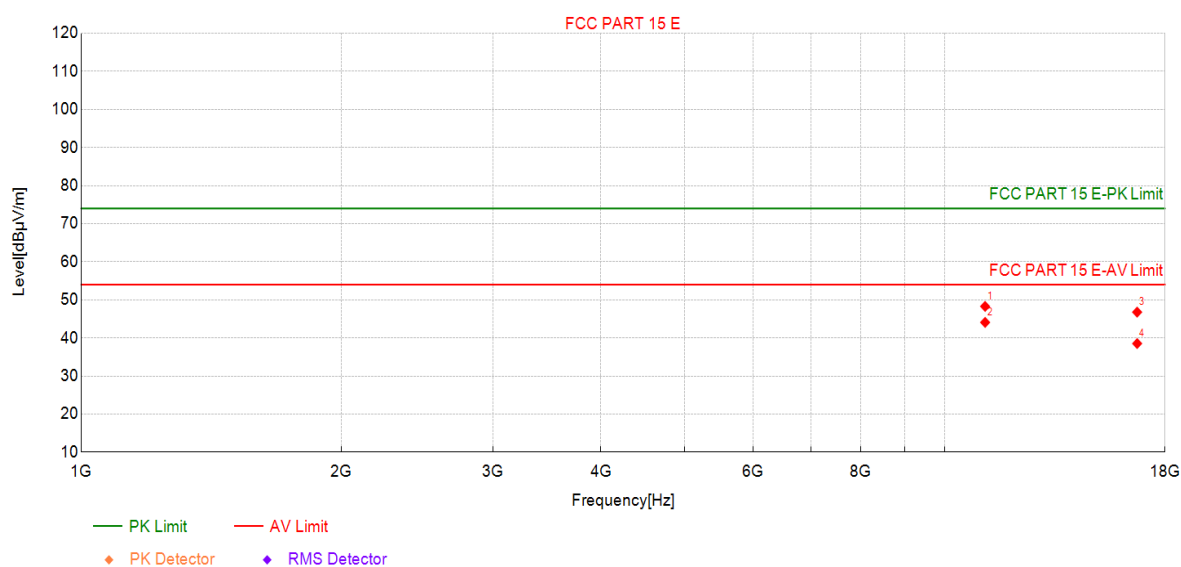
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 7:Transmit at 5570MHz by 802.11ac(160MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11140	41.20	48.28	7.08	74.00	25.72	PK	Vertic	PASS
2	11140	37.00	44.08	7.08	54.00	9.92	AV	Vertic	PASS
3	16710	32.16	46.78	14.62	74.00	27.22	PK	Vertic	PASS
4	16710	23.91	38.53	14.62	54.00	15.47	AV	Vertic	PASS

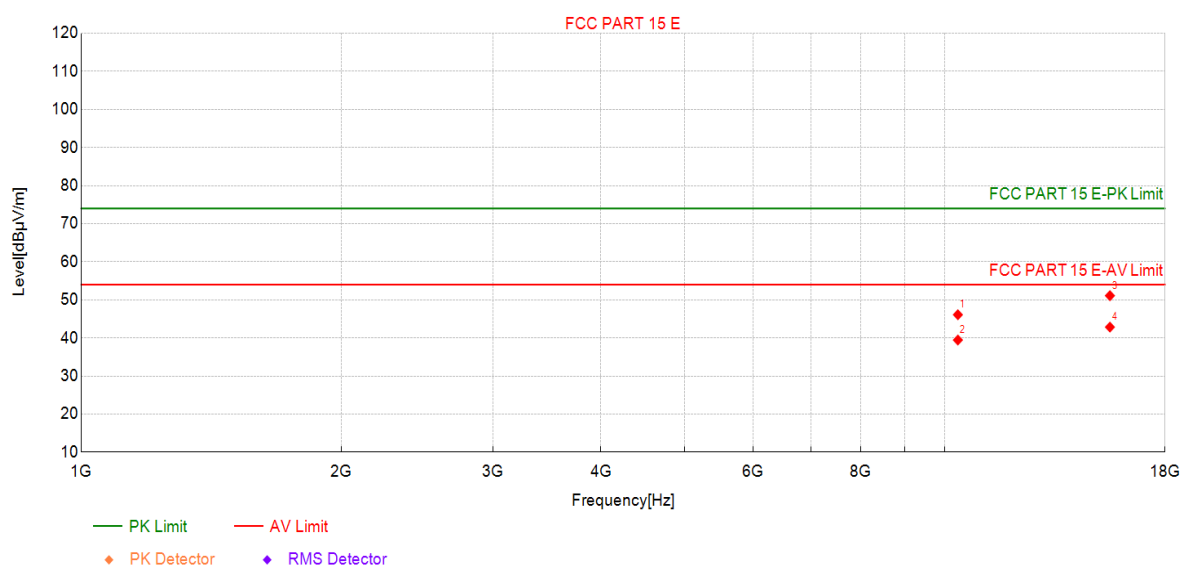
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5180MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360	39.51	46.09	6.58	74.00	27.91	PK	Horizo	PASS
2	10360	32.87	39.45	6.58	54.00	14.55	AV	Horizo	PASS
3	15540	37.20	51.10	13.90	74.00	22.90	PK	Horizo	PASS
4	15540	28.95	42.85	13.90	54.00	11.15	AV	Horizo	PASS

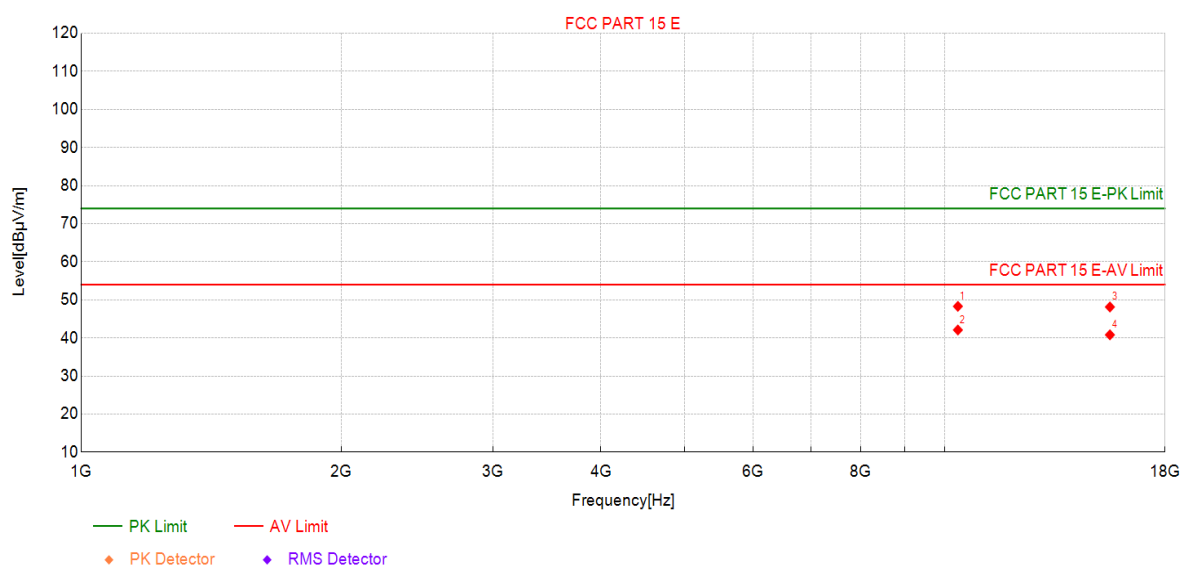
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5180MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10360	41.72	48.30	6.58	74.00	25.70	PK	Vertic	PASS
2	10360	35.51	42.09	6.58	54.00	11.91	AV	Vertic	PASS
3	15540	34.24	48.14	13.90	74.00	25.86	PK	Vertic	PASS
4	15540	26.92	40.82	13.90	54.00	13.18	AV	Vertic	PASS

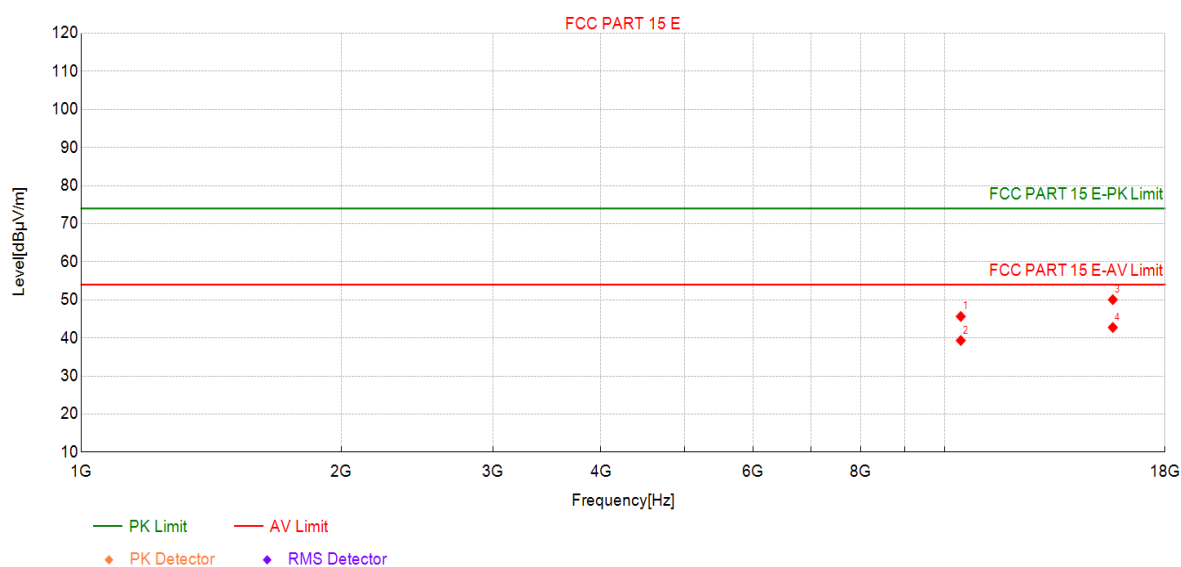
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5220MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10440	39.00	45.64	6.64	74.00	28.36	PK	Horizo	PASS
2	10440	32.69	39.33	6.64	54.00	14.67	AV	Horizo	PASS
3	15660	35.97	50.06	14.09	74.00	23.94	PK	Horizo	PASS
4	15660	28.67	42.76	14.09	54.00	11.24	AV	Horizo	PASS

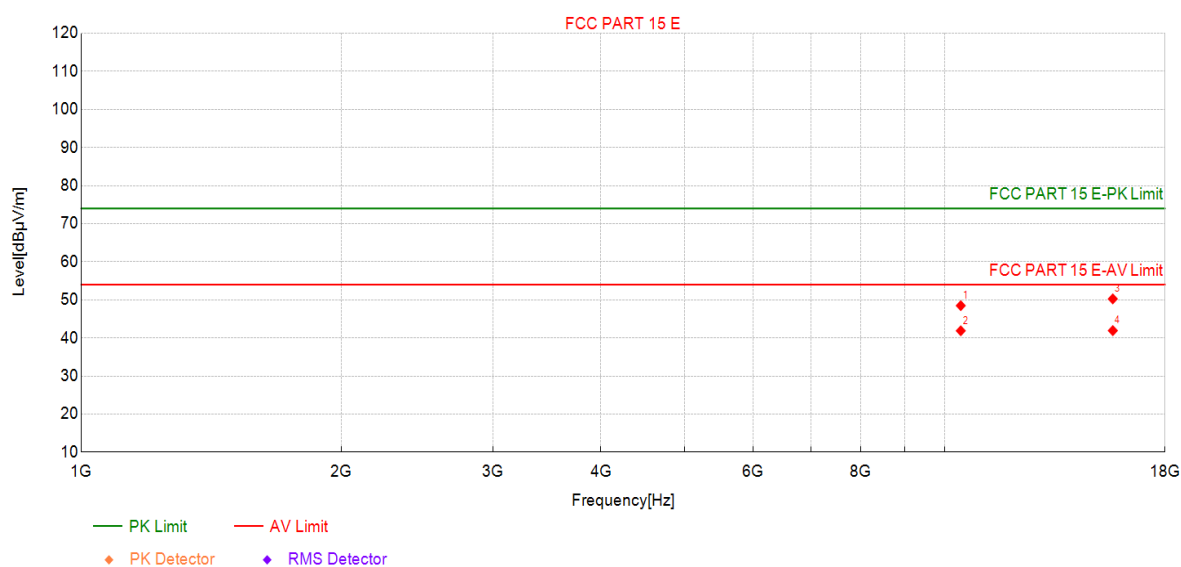
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5220MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10440	41.84	48.48	6.64	74.00	25.52	PK	Vertic	PASS
2	10440	35.24	41.88	6.64	54.00	12.12	AV	Vertic	PASS
3	15660	36.17	50.26	14.09	74.00	23.74	PK	Vertic	PASS
4	15660	27.84	41.93	14.09	54.00	12.07	AV	Vertic	PASS

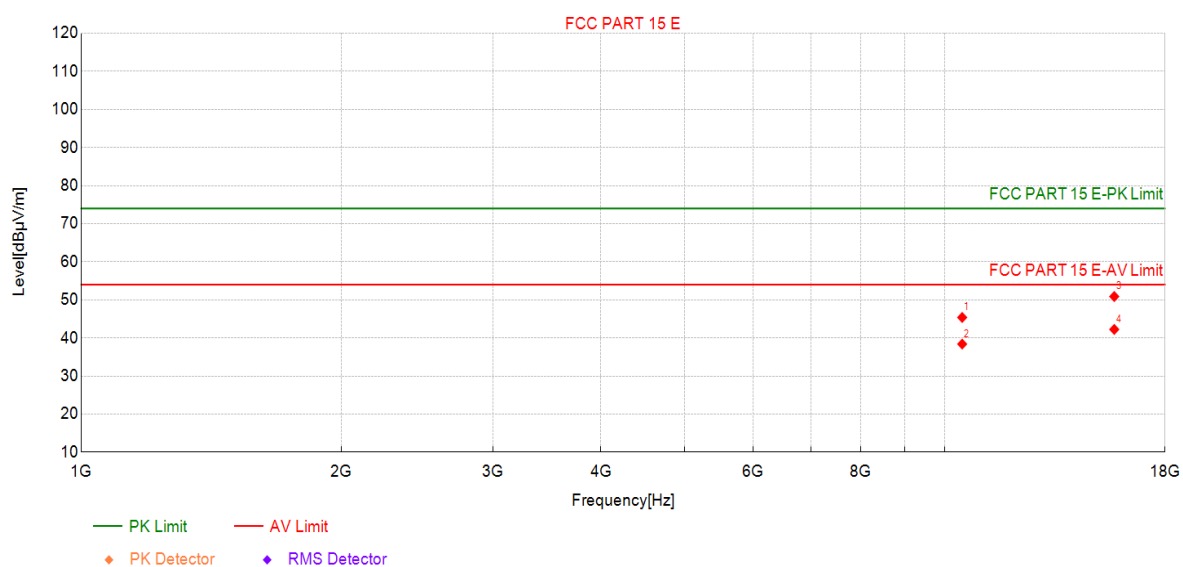
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5240MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10480	38.67	45.38	6.71	74.00	28.62	PK	Horizo	PASS
2	10480	31.68	38.39	6.71	54.00	15.61	AV	Horizo	PASS
3	15720	36.47	50.88	14.41	74.00	23.12	PK	Horizo	PASS
4	15720	27.83	42.24	14.41	54.00	11.76	AV	Horizo	PASS

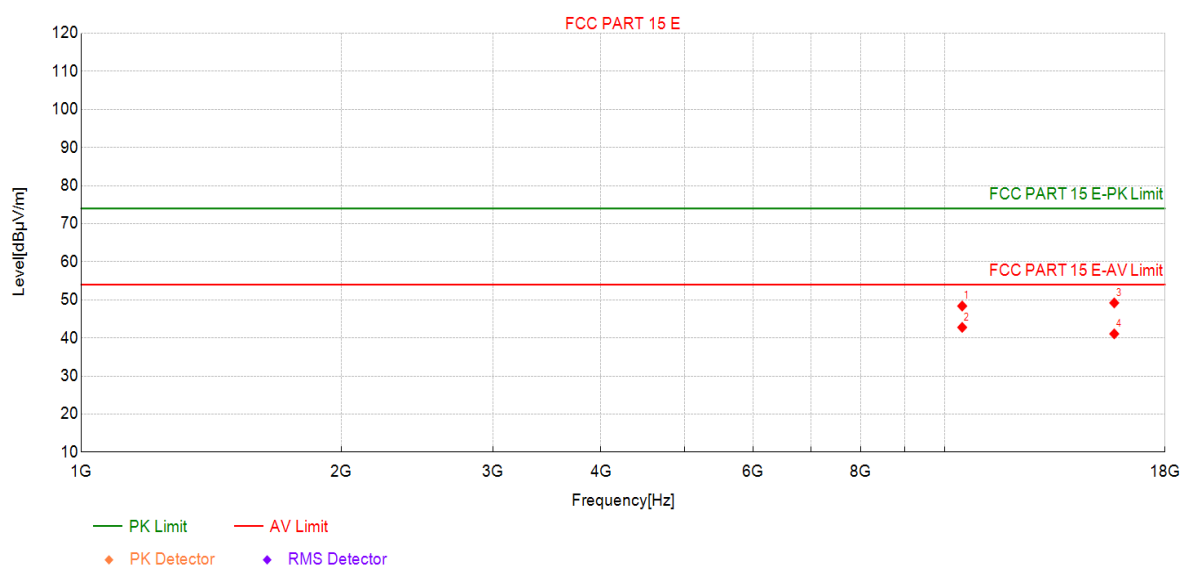
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5240MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10480	41.67	48.38	6.71	74.00	25.62	PK	Vertic	PASS
2	10480	36.07	42.78	6.71	54.00	11.22	AV	Vertic	PASS
3	15720	34.79	49.20	14.41	74.00	24.80	PK	Vertic	PASS
4	15720	26.67	41.08	14.41	54.00	12.92	AV	Vertic	PASS

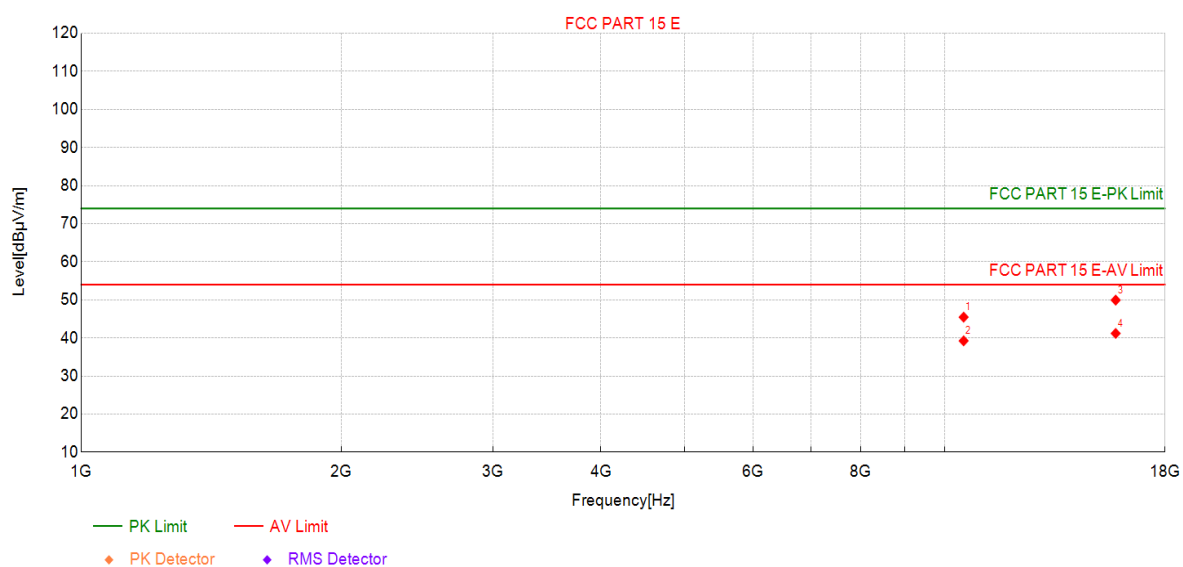
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5260MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10520	38.70	45.46	6.76	74.00	28.54	PK	Horizo	PASS
2	10520	32.48	39.24	6.76	54.00	14.76	AV	Horizo	PASS
3	15780	35.85	49.94	14.09	74.00	24.06	PK	Horizo	PASS
4	15780	27.10	41.19	14.09	54.00	12.81	AV	Horizo	PASS

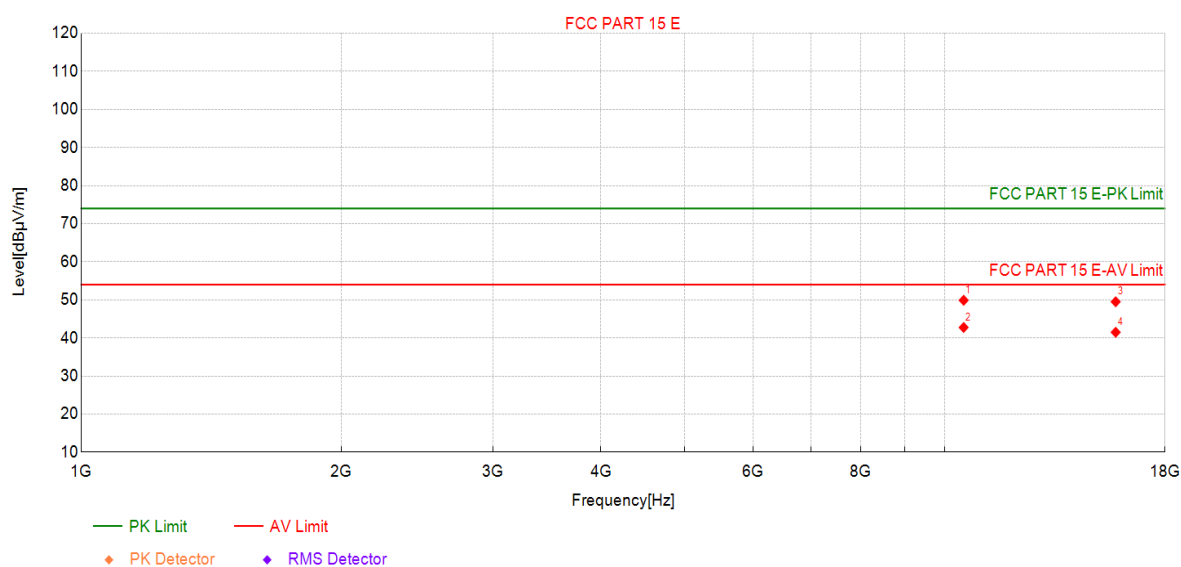
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5260MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10520	43.13	49.89	6.76	74.00	24.11	PK	Vertic	PASS
2	10520	35.99	42.75	6.76	54.00	11.25	AV	Vertic	PASS
3	15780	35.41	49.50	14.09	74.00	24.50	PK	Vertic	PASS
4	15780	27.40	41.49	14.09	54.00	12.51	AV	Vertic	PASS

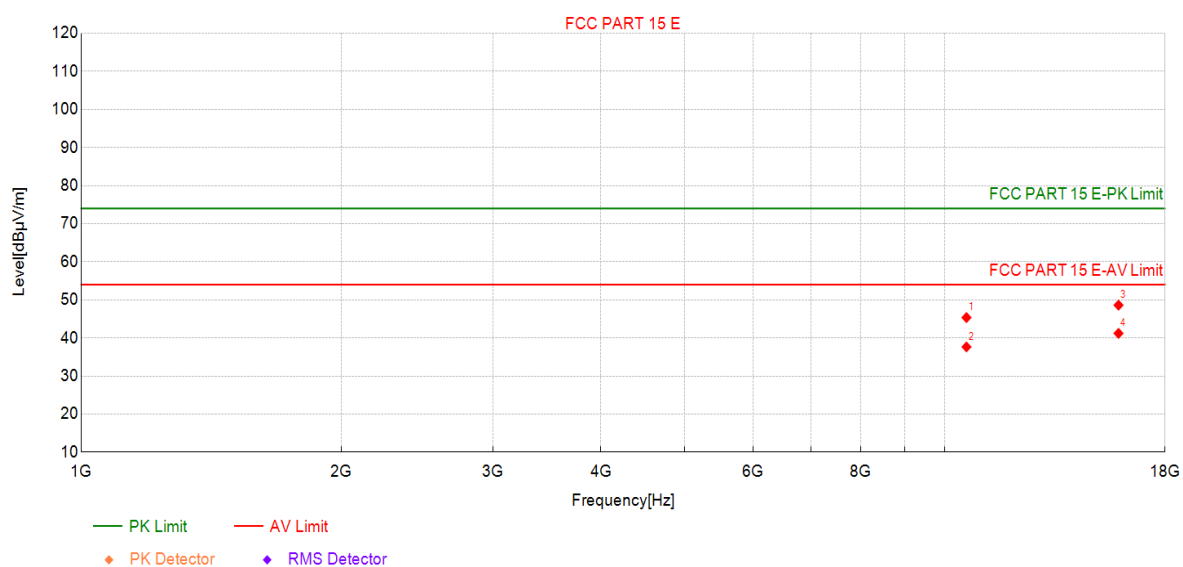
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5300MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10600	38.57	45.35	6.78	74.00	28.65	PK	Horizo	PASS
2	10600	30.86	37.64	6.78	54.00	16.36	AV	Horizo	PASS
3	15900	34.49	48.61	14.12	74.00	25.39	PK	Horizo	PASS
4	15900	27.08	41.20	14.12	54.00	12.80	AV	Horizo	PASS

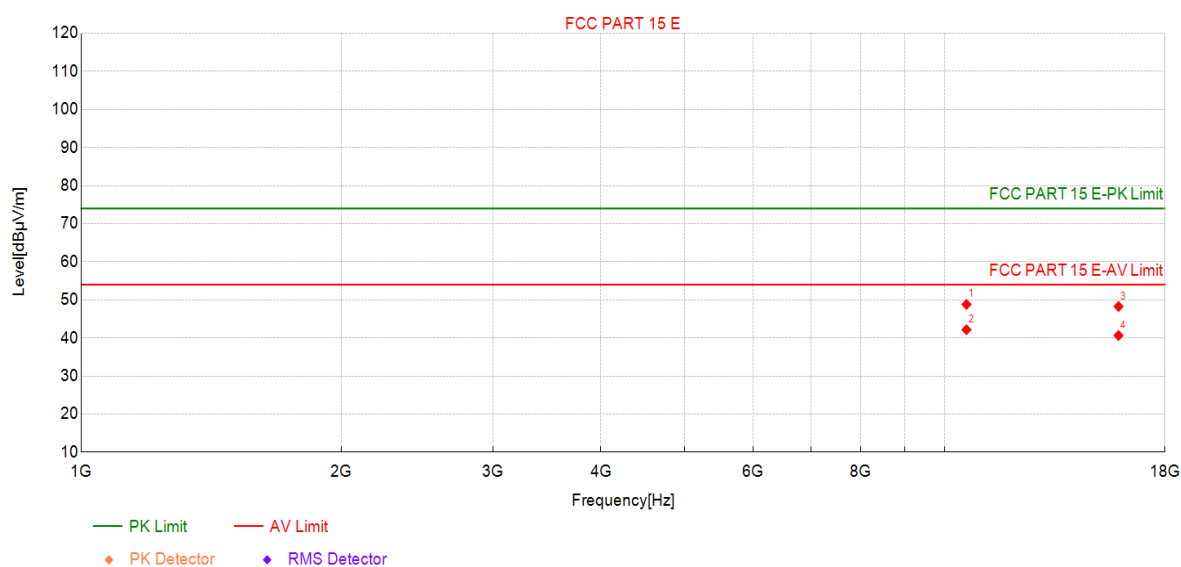
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5300MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10600	42.03	48.81	6.78	74.00	25.19	PK	Vertic	PASS
2	10600	35.39	42.17	6.78	54.00	11.83	AV	Vertic	PASS
3	15900	34.14	48.26	14.12	74.00	25.74	PK	Vertic	PASS
4	15900	26.52	40.64	14.12	54.00	13.36	AV	Vertic	PASS

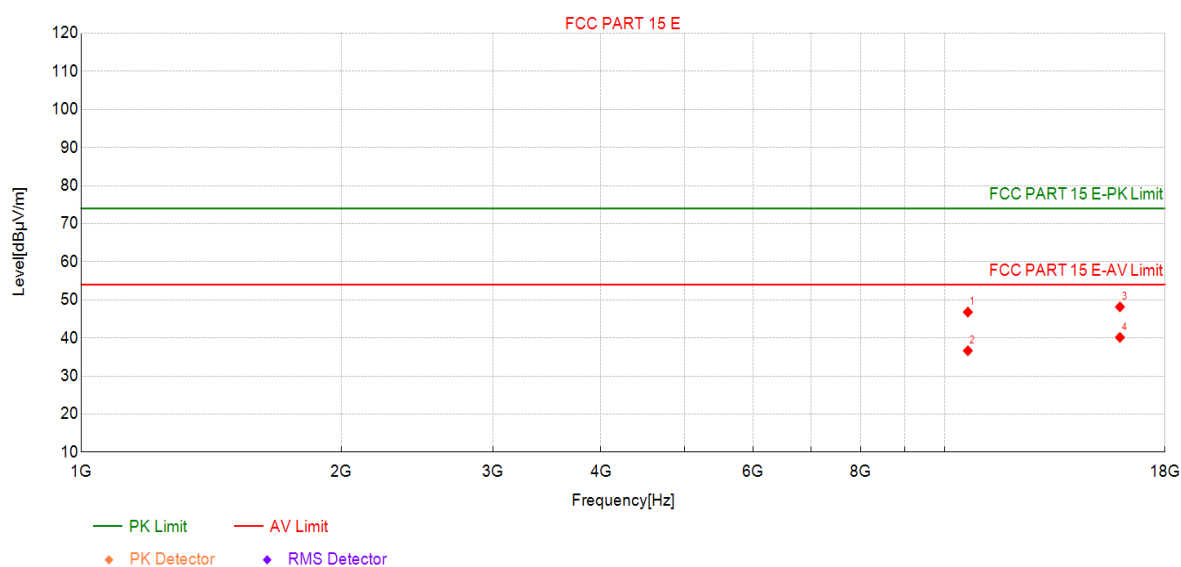
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5320MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640	39.98	46.78	6.80	74.00	27.22	PK	Horizo	PASS
2	10640	29.83	36.63	6.80	54.00	17.37	AV	Horizo	PASS
3	15960	33.52	48.15	14.63	74.00	25.85	PK	Horizo	PASS
4	15960	25.51	40.14	14.63	54.00	13.86	AV	Horizo	PASS

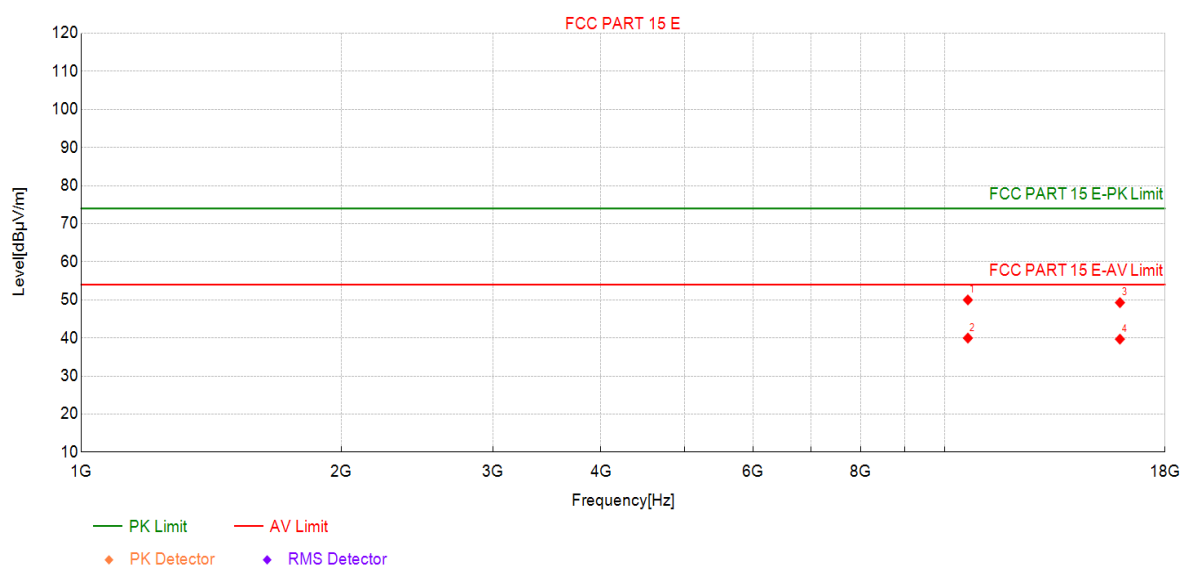
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5320MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10640	43.18	49.98	6.80	74.00	24.02	PK	Vertic	PASS
2	10640	33.16	39.96	6.80	54.00	14.04	AV	Vertic	PASS
3	15960	34.64	49.27	14.63	74.00	24.73	PK	Vertic	PASS
4	15960	25.05	39.68	14.63	54.00	14.32	AV	Vertic	PASS

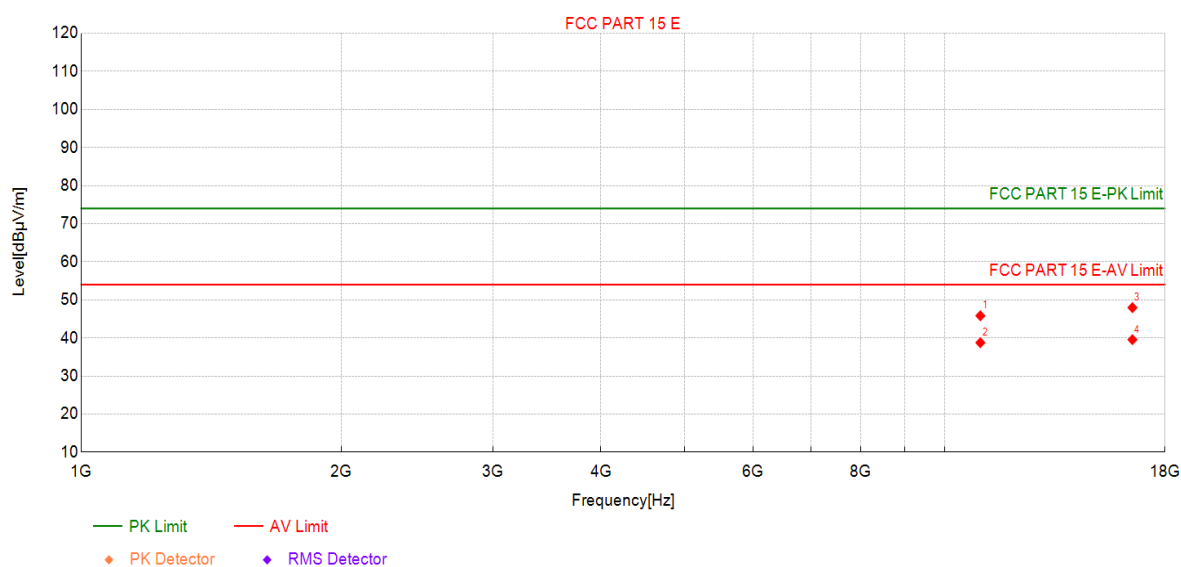
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5500MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11000	38.42	45.82	7.40	74.00	28.18	PK	Horizo	PASS
2	11000	31.35	38.75	7.40	54.00	15.25	AV	Horizo	PASS
3	16500	32.85	47.96	15.11	74.00	26.04	PK	Horizo	PASS
4	16500	24.44	39.55	15.11	54.00	14.45	AV	Horizo	PASS

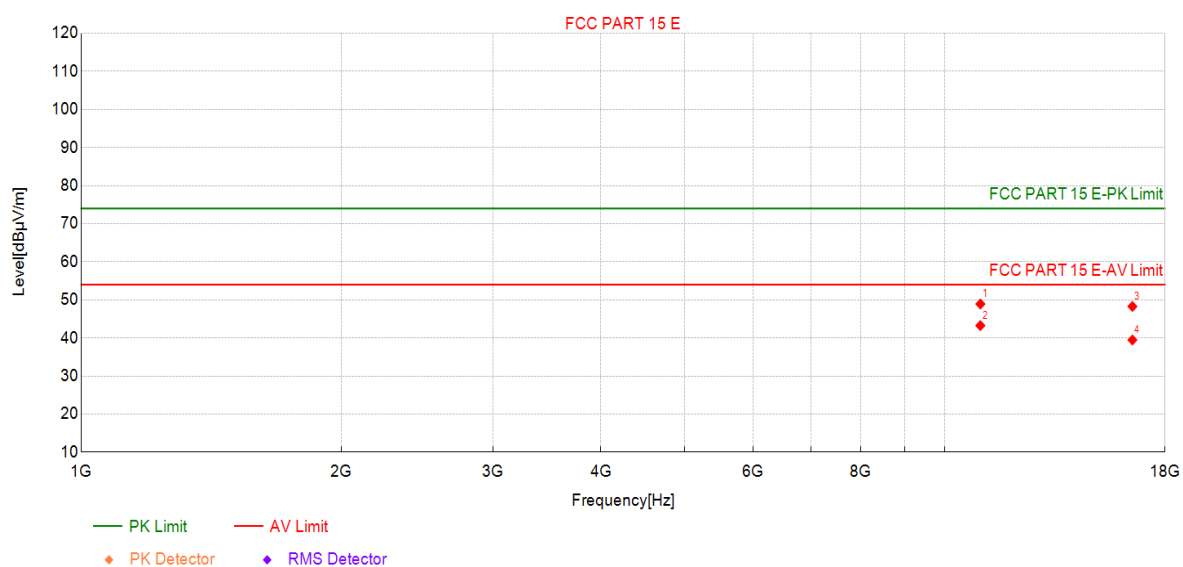
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5500MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11000	41.51	48.91	7.40	74.00	25.09	PK	Vertic	PASS
2	11000	35.85	43.25	7.40	54.00	10.75	AV	Vertic	PASS
3	16500	33.16	48.27	15.11	74.00	25.73	PK	Vertic	PASS
4	16500	24.36	39.47	15.11	54.00	14.53	AV	Vertic	PASS

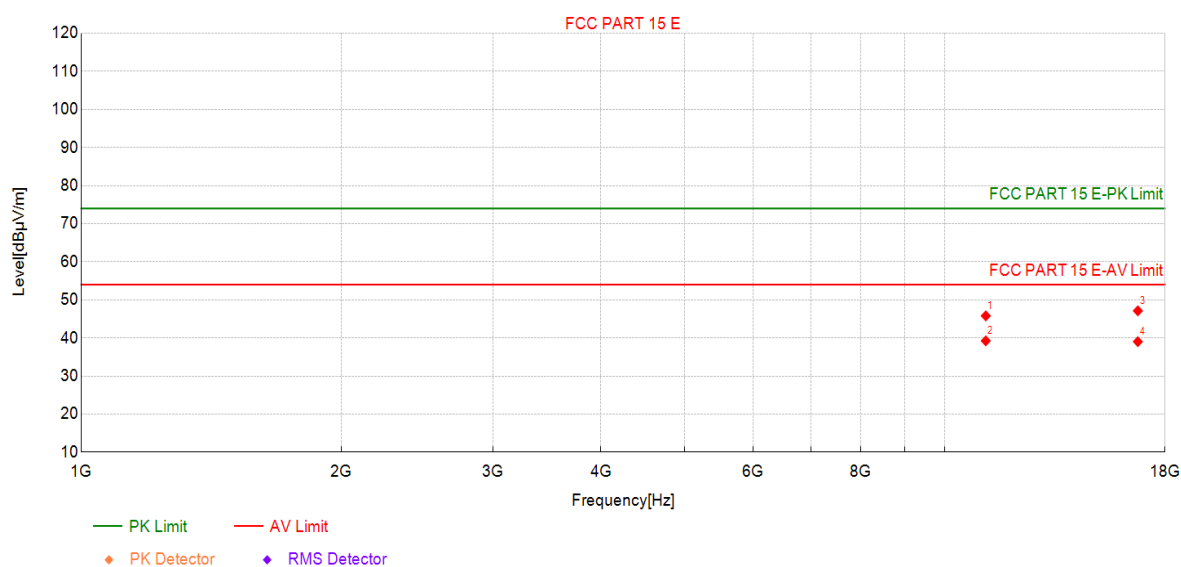
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5580MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11160	38.51	45.80	7.29	74.00	28.20	PK	Horizo	PASS
2	11160	31.95	39.24	7.29	54.00	14.76	AV	Horizo	PASS
3	16740	32.51	47.13	14.62	74.00	26.87	PK	Horizo	PASS
4	16740	24.40	39.02	14.62	54.00	14.98	AV	Horizo	PASS

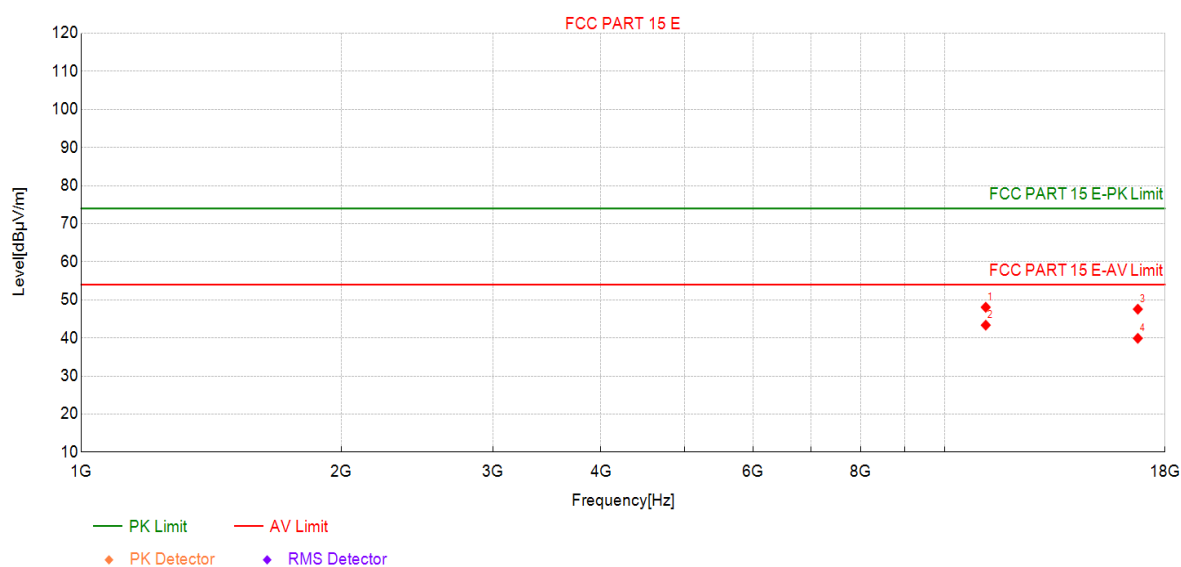
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5580MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11160	40.77	48.06	7.29	74.00	25.94	PK	Vertic	PASS
2	11160	36.07	43.36	7.29	54.00	10.64	AV	Vertic	PASS
3	16740	32.93	47.55	14.62	74.00	26.45	PK	Vertic	PASS
4	16740	25.28	39.90	14.62	54.00	14.10	AV	Vertic	PASS

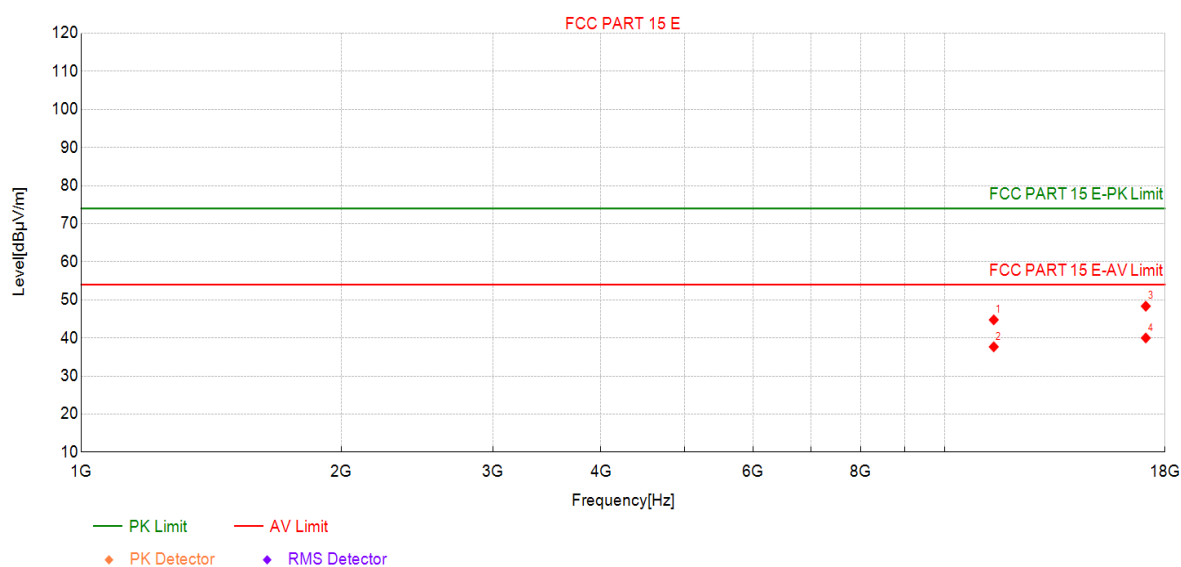
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5700MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11400	36.92	44.75	7.83	74.00	29.25	PK	Horizo	PASS
2	11400	29.84	37.67	7.83	54.00	16.33	AV	Horizo	PASS
3	17100	32.52	48.34	15.82	74.00	25.66	PK	Horizo	PASS
4	17100	24.17	39.99	15.82	54.00	14.01	AV	Horizo	PASS

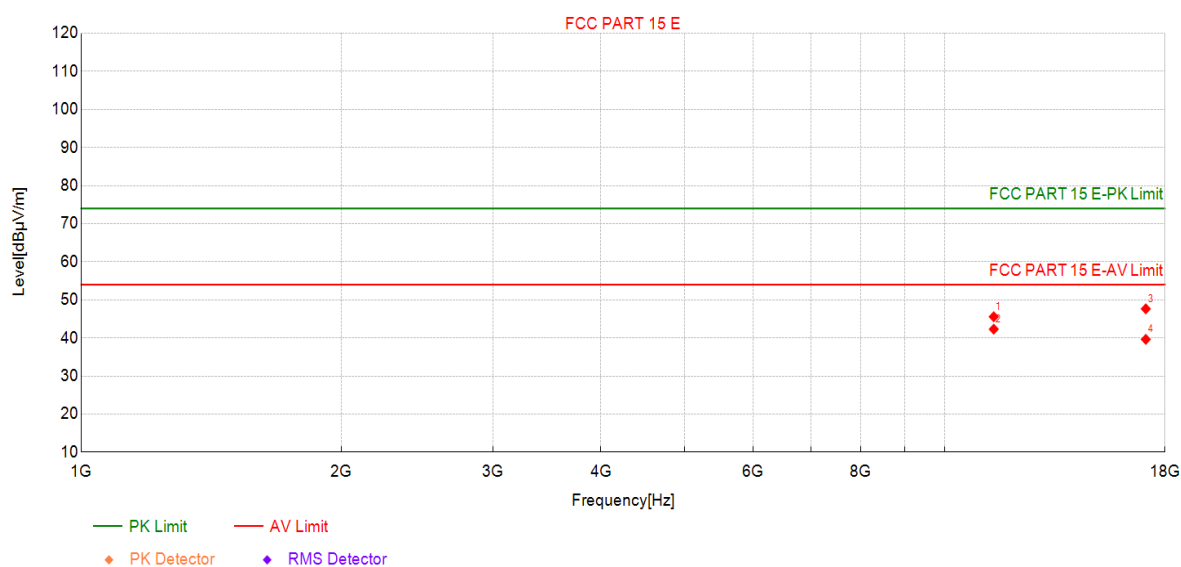
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5700MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11400	37.74	45.57	7.83	74.00	28.43	PK	Vertic	PASS
2	11400	34.48	42.31	7.83	54.00	11.69	AV	Vertic	PASS
3	17100	31.82	47.64	15.82	74.00	26.36	PK	Vertic	PASS
4	17100	23.81	39.63	15.82	54.00	14.37	AV	Vertic	PASS

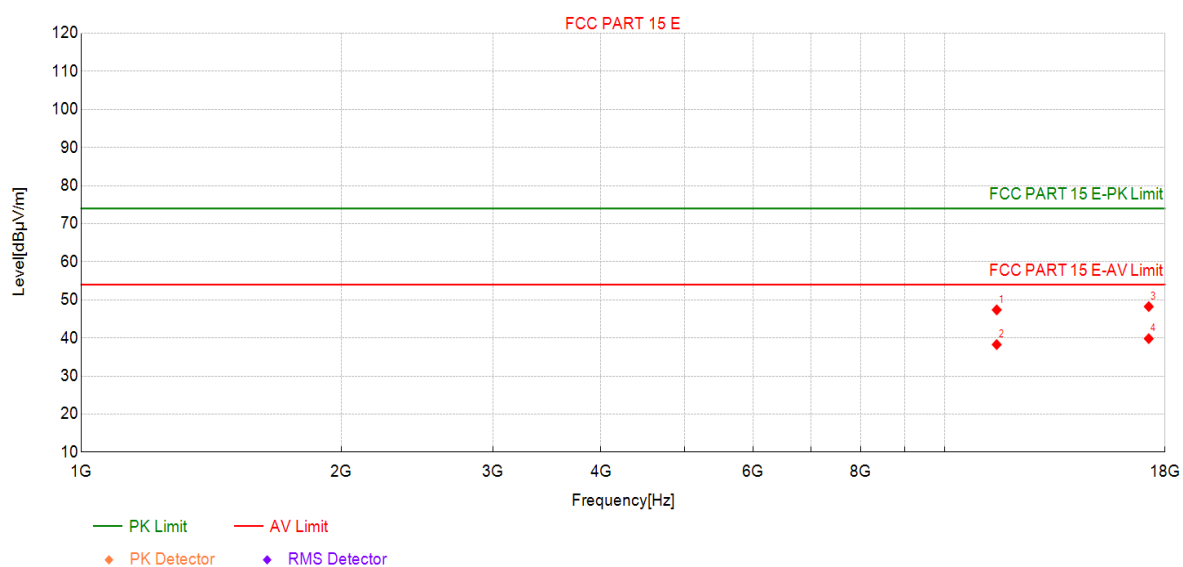
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5745MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11490	38.99	47.37	8.38	74.00	26.63	PK	Horizo	PASS
2	11490	29.88	38.26	8.38	54.00	15.74	AV	Horizo	PASS
3	17235	32.77	48.23	15.46	74.00	25.77	PK	Horizo	PASS
4	17235	24.36	39.82	15.46	54.00	14.18	AV	Horizo	PASS

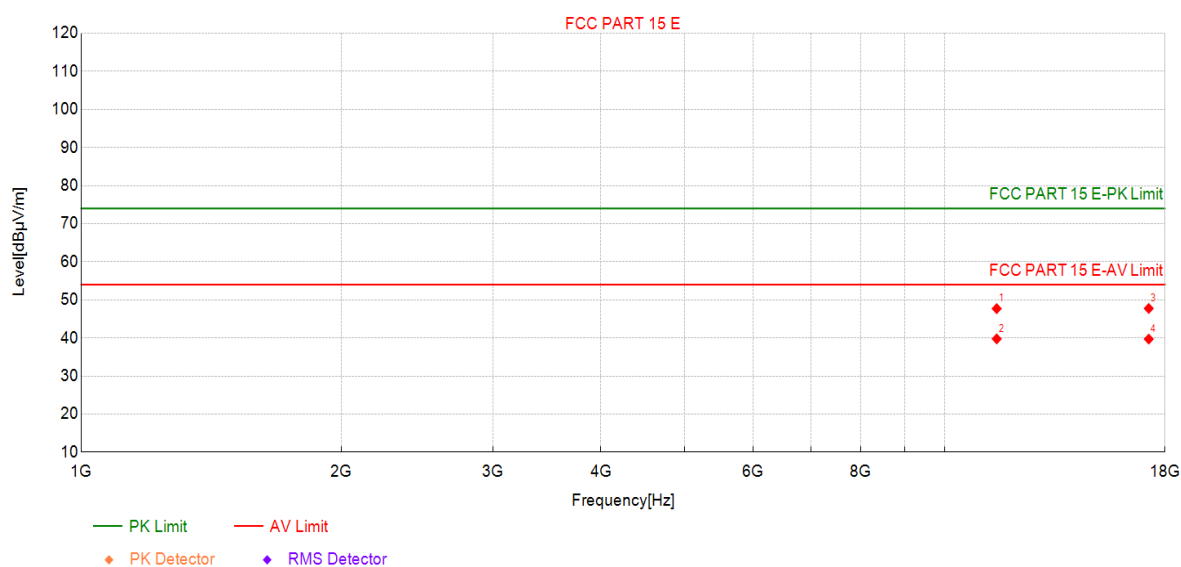
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5745MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11490	39.32	47.70	8.38	74.00	26.30	PK	Vertic	PASS
2	11490	31.37	39.75	8.38	54.00	14.25	AV	Vertic	PASS
3	17235	32.29	47.75	15.46	74.00	26.25	PK	Vertic	PASS
4	17235	24.25	39.71	15.46	54.00	14.29	AV	Vertic	PASS

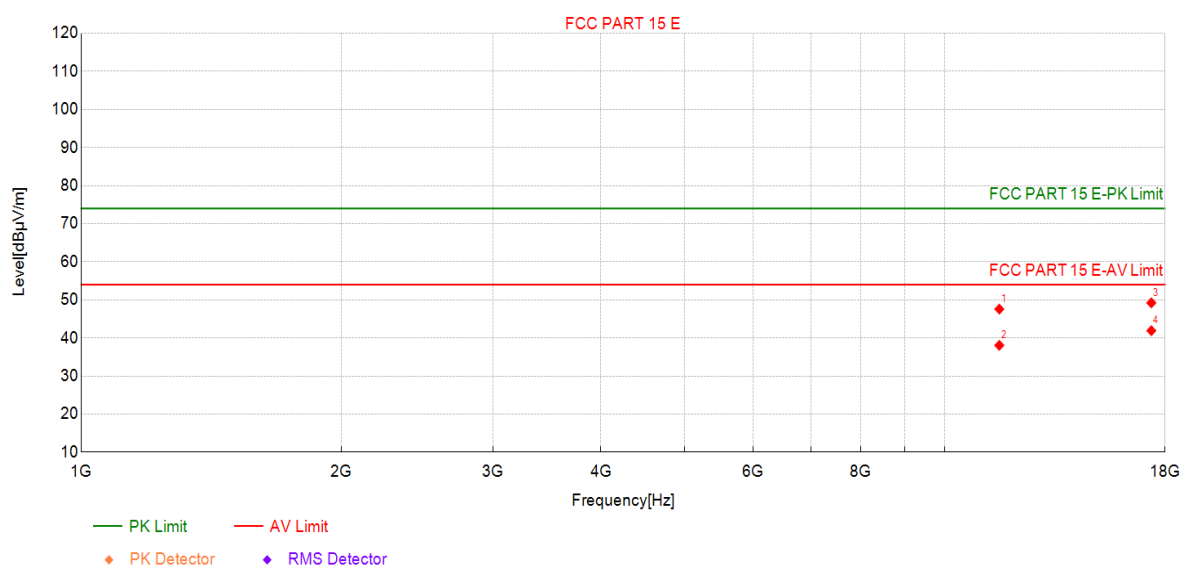
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5785MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11570	38.90	47.58	8.68	74.00	26.42	PK	Horizo	PASS
2	11570	29.38	38.06	8.68	54.00	15.94	AV	Horizo	PASS
3	17355	32.99	49.21	16.22	74.00	24.79	PK	Horizo	PASS
4	17355	25.69	41.91	16.22	54.00	12.09	AV	Horizo	PASS

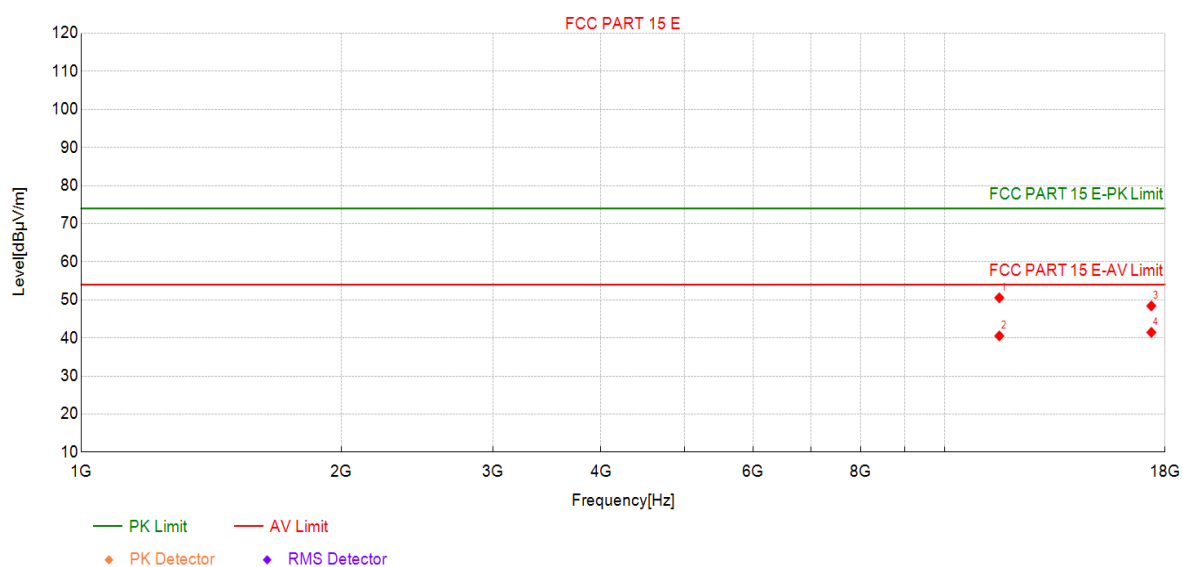
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5785MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11570	41.87	50.55	8.68	74.00	23.45	PK	Vertic	PASS
2	11570	31.85	40.53	8.68	54.00	13.47	AV	Vertic	PASS
3	17355	32.18	48.40	16.22	74.00	25.60	PK	Vertic	PASS
4	17355	25.24	41.46	16.22	54.00	12.54	AV	Vertic	PASS

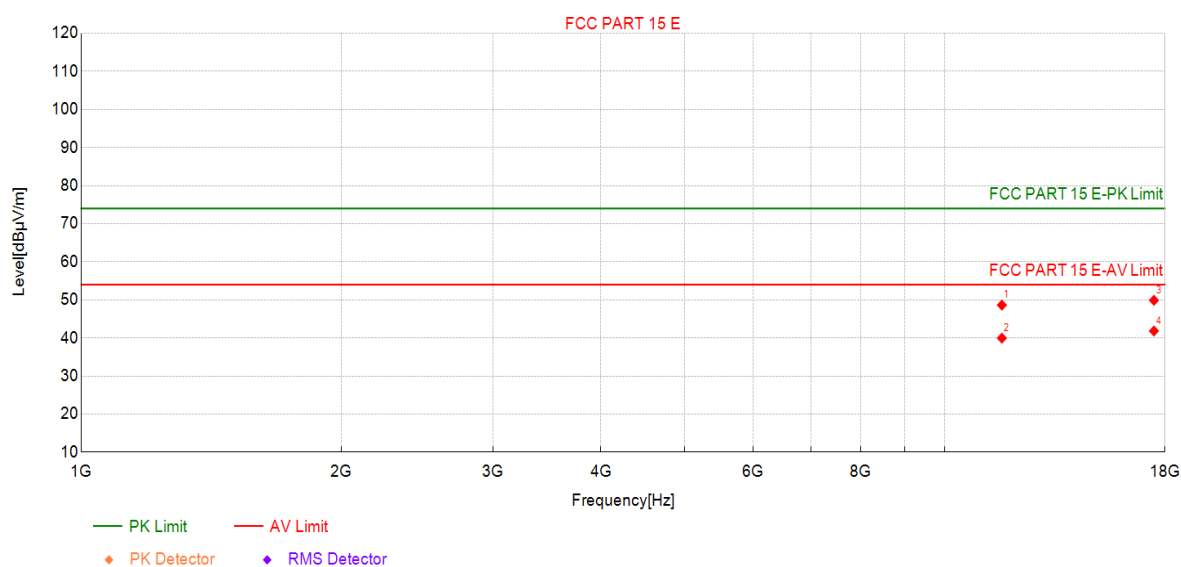
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5825MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11650	39.88	48.62	8.74	74.00	25.38	PK	Horizo	PASS
2	11650	31.21	39.95	8.74	54.00	14.05	AV	Horizo	PASS
3	17475	32.81	49.88	17.07	74.00	24.12	PK	Horizo	PASS
4	17475	24.76	41.83	17.07	54.00	12.17	AV	Horizo	PASS

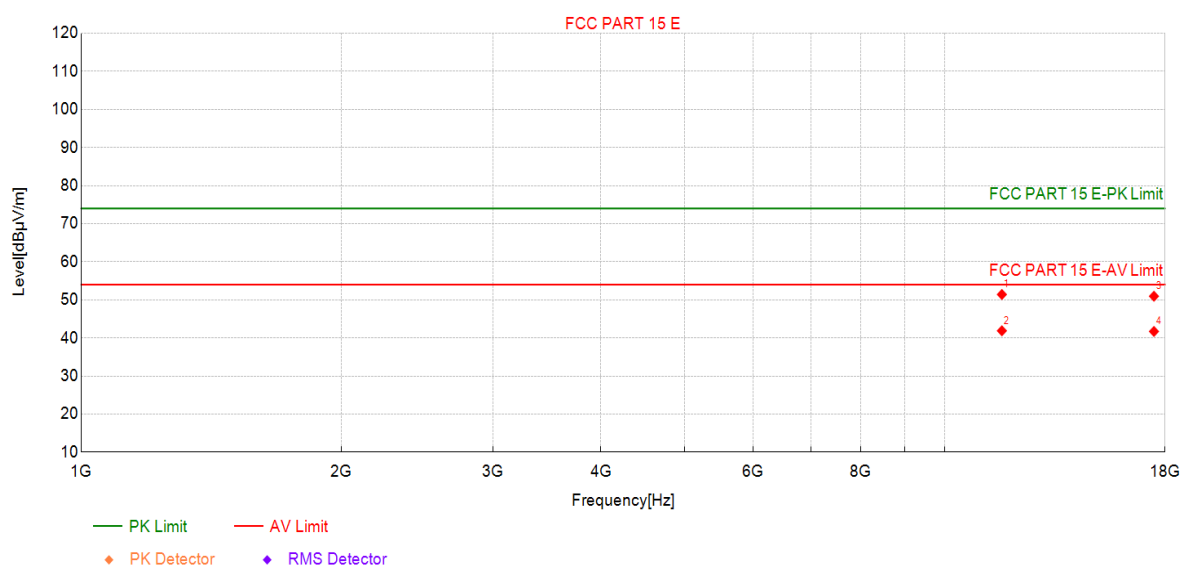
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 8:Transmit at 5825MHz by 802.11ax(20MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11650	42.68	51.42	8.74	74.00	22.58	PK	Vertic	PASS
2	11650	33.14	41.88	8.74	54.00	12.12	AV	Vertic	PASS
3	17475	33.89	50.96	17.07	74.00	23.04	PK	Vertic	PASS
4	17475	24.64	41.71	17.07	54.00	12.29	AV	Vertic	PASS

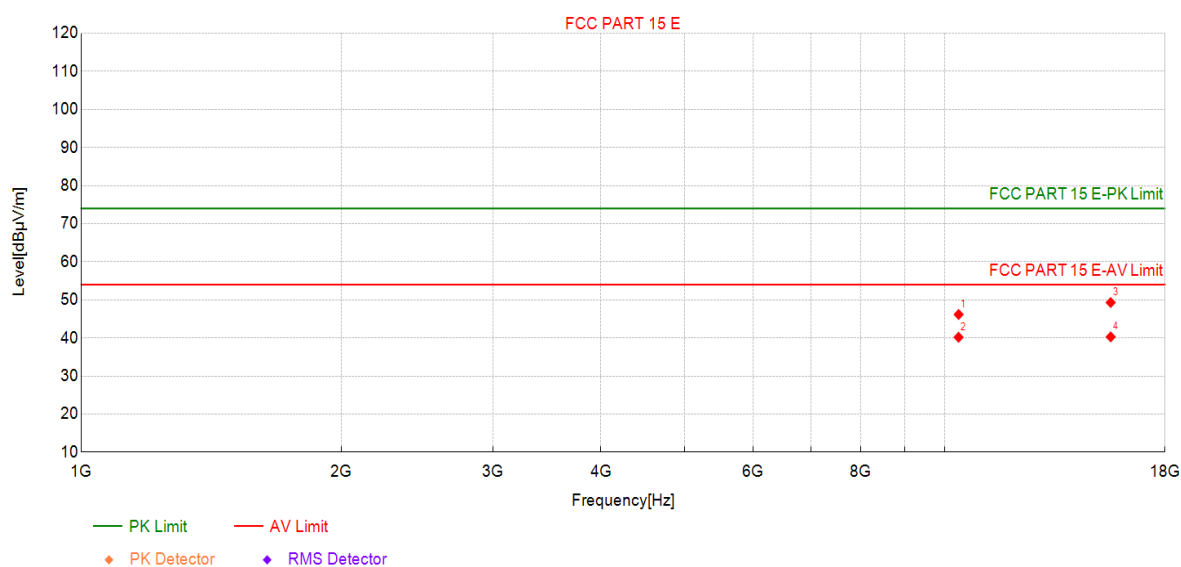
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 9:Transmit at 5190MHz by 802.11ax(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10380	39.59	46.16	6.57	74.00	27.84	PK	Horizo	PASS
2	10380	33.61	40.18	6.57	54.00	13.82	AV	Horizo	PASS
3	15570	35.61	49.30	13.69	74.00	24.70	PK	Horizo	PASS
4	15570	26.59	40.28	13.69	54.00	13.72	AV	Horizo	PASS

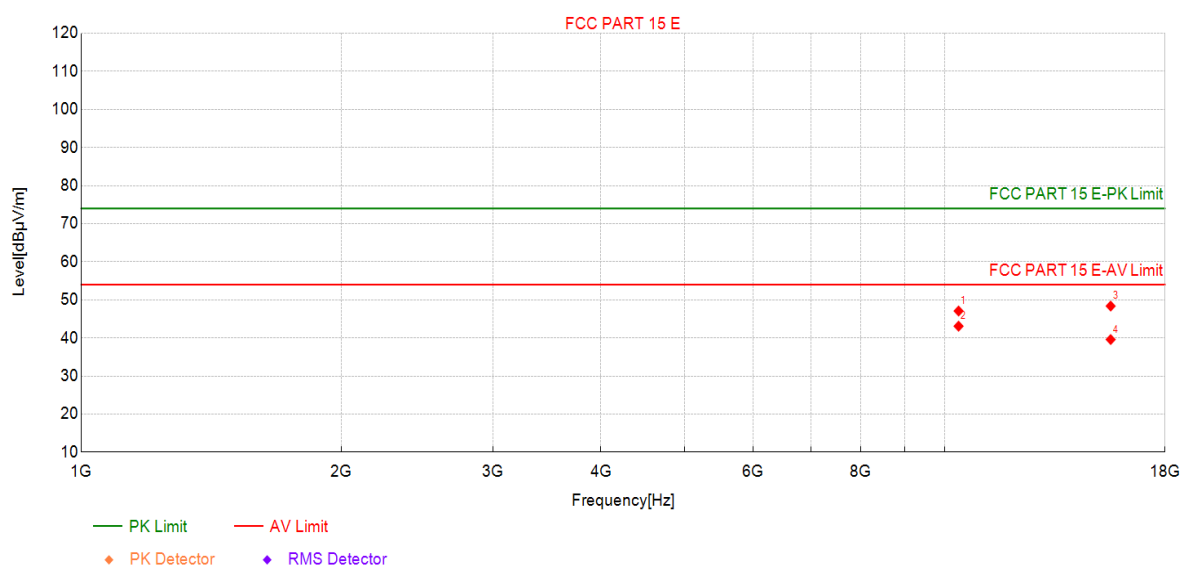
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 9:Transmit at 5190MHz by 802.11ax(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10380	40.50	47.07	6.57	74.00	26.93	PK	Vertic	PASS
2	10380	36.52	43.09	6.57	54.00	10.91	AV	Vertic	PASS
3	15570	34.68	48.37	13.69	74.00	25.63	PK	Vertic	PASS
4	15570	25.89	39.58	13.69	54.00	14.42	AV	Vertic	PASS

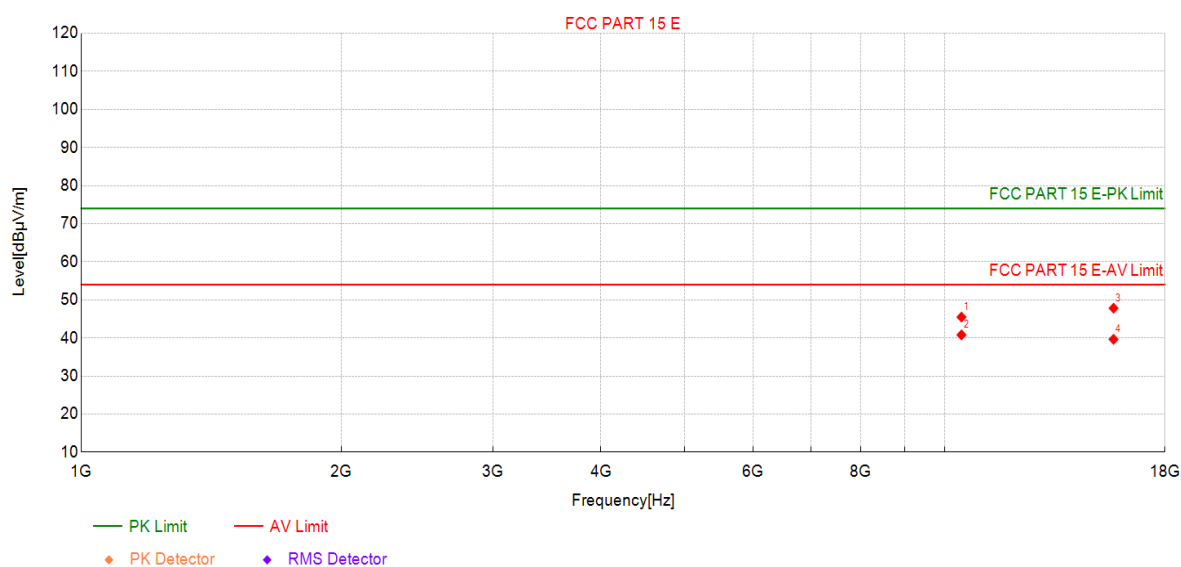
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 9:Transmit at 5230MHz by 802.11ax(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10460	38.81	45.48	6.67	74.00	28.52	PK	Horizo	PASS
2	10460	34.13	40.80	6.67	54.00	13.20	AV	Horizo	PASS
3	15690	33.40	47.81	14.41	74.00	26.19	PK	Horizo	PASS
4	15690	25.24	39.65	14.41	54.00	14.35	AV	Horizo	PASS

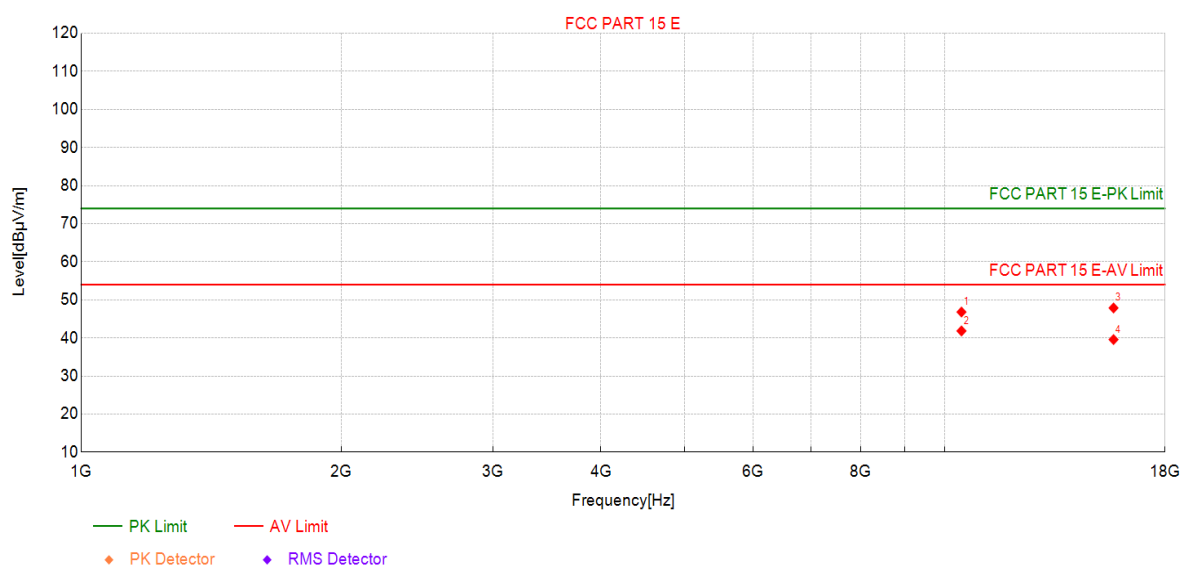
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 9:Transmit at 5230MHz by 802.11ax(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10460	40.14	46.81	6.67	74.00	27.19	PK	Vertic	PASS
2	10460	35.16	41.83	6.67	54.00	12.17	AV	Vertic	PASS
3	15690	33.47	47.88	14.41	74.00	26.12	PK	Vertic	PASS
4	15690	25.16	39.57	14.41	54.00	14.43	AV	Vertic	PASS

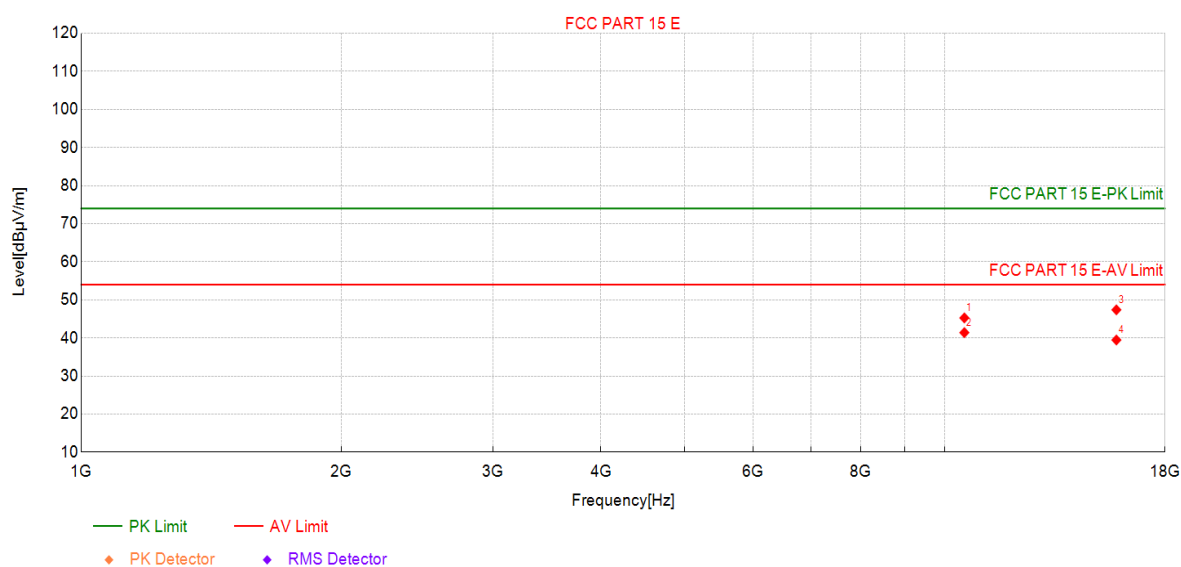
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 9:Transmit at 5270MHz by 802.11ax(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10540	38.50	45.26	6.76	74.00	28.74	PK	Horizo	PASS
2	10540	34.64	41.40	6.76	54.00	12.60	AV	Horizo	PASS
3	15810	33.37	47.38	14.01	74.00	26.62	PK	Horizo	PASS
4	15810	25.45	39.46	14.01	54.00	14.54	AV	Horizo	PASS

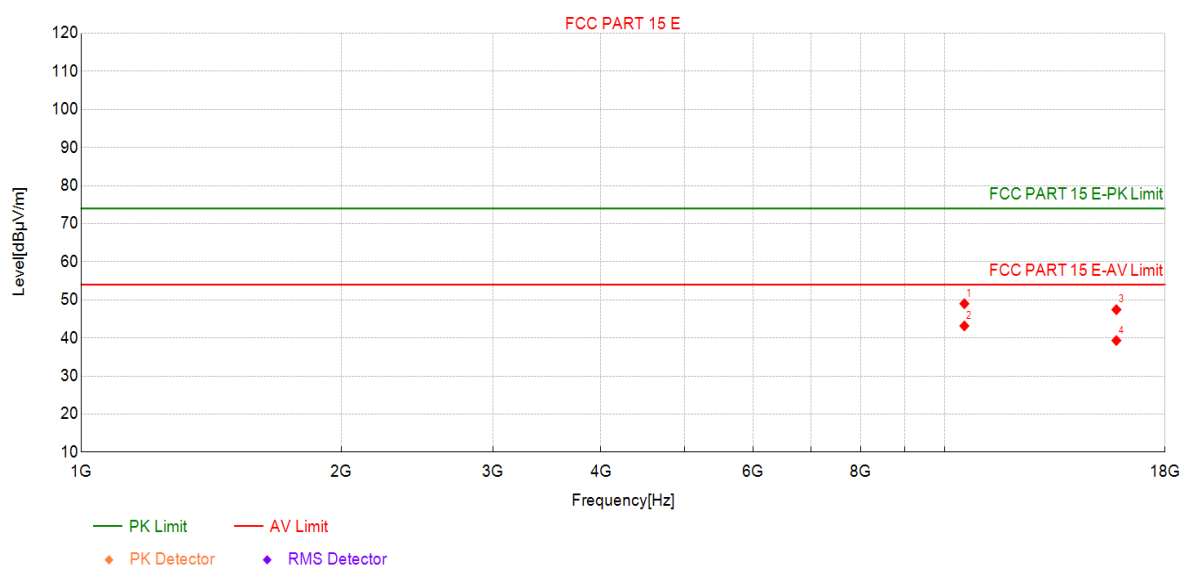
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 9:Transmit at 5270MHz by 802.11ax(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10540	42.23	48.99	6.76	74.00	25.01	PK	Vertic	PASS
2	10540	36.39	43.15	6.76	54.00	10.85	AV	Vertic	PASS
3	15810	33.41	47.42	14.01	74.00	26.58	PK	Vertic	PASS
4	15810	25.31	39.32	14.01	54.00	14.68	AV	Vertic	PASS

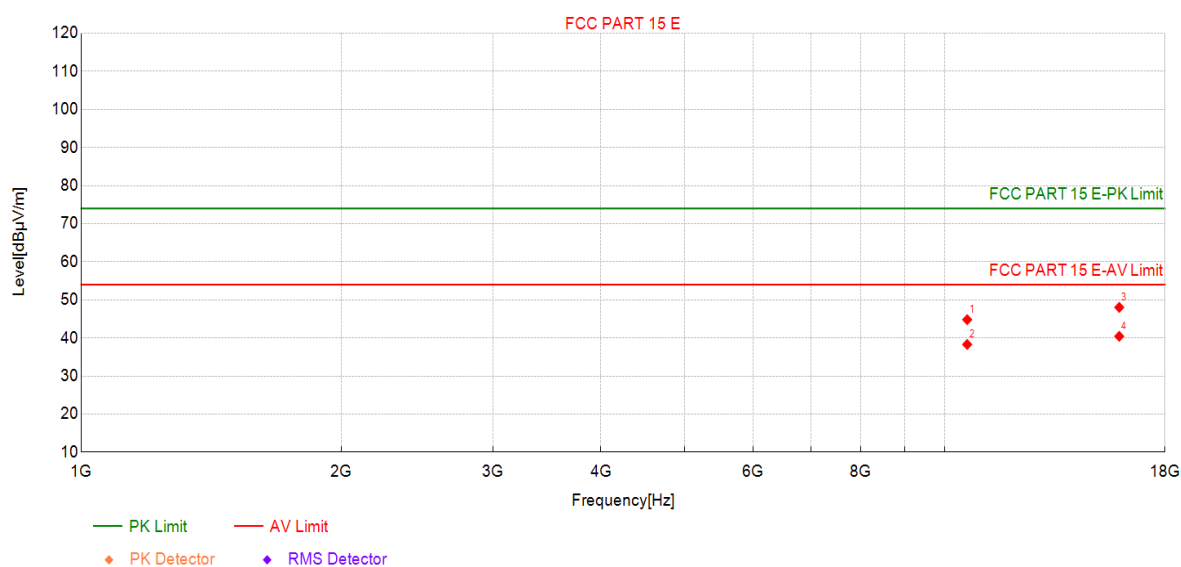
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 9:Transmit at 5310MHz by 802.11ax(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10620	38.02	44.81	6.79	74.00	29.19	PK	Horizo	PASS
2	10620	31.50	38.29	6.79	54.00	15.71	AV	Horizo	PASS
3	15930	33.66	48.03	14.37	74.00	25.97	PK	Horizo	PASS
4	15930	26.05	40.42	14.37	54.00	13.58	AV	Horizo	PASS

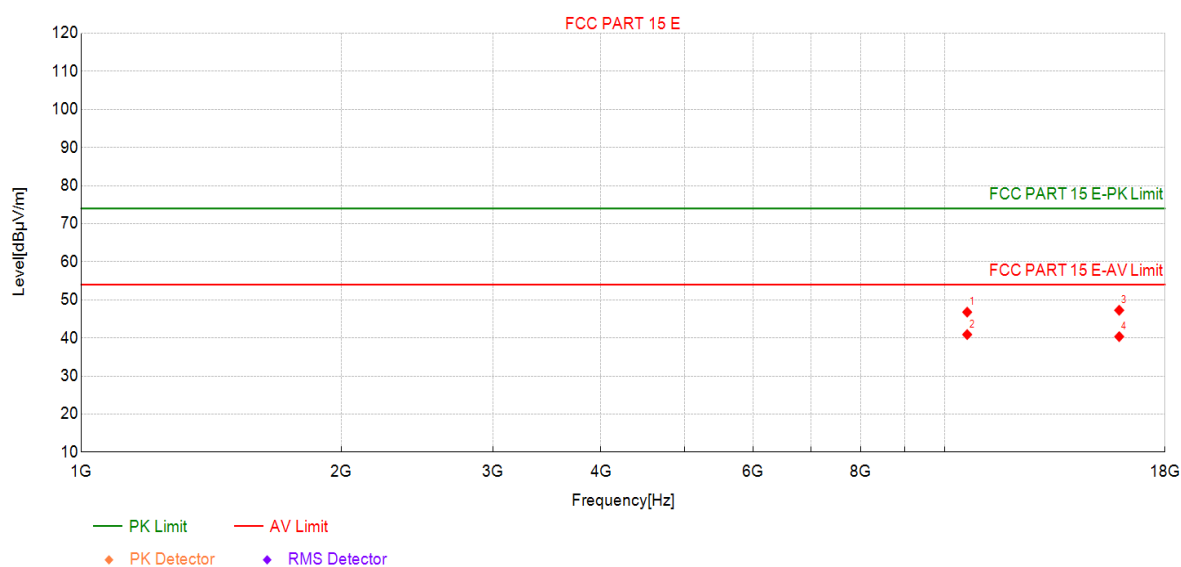
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 9:Transmit at 5310MHz by 802.11ax(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	10620	39.99	46.78	6.79	74.00	27.22	PK	Vertic	PASS
2	10620	34.09	40.88	6.79	54.00	13.12	AV	Vertic	PASS
3	15930	32.90	47.27	14.37	74.00	26.73	PK	Vertic	PASS
4	15930	25.98	40.35	14.37	54.00	13.65	AV	Vertic	PASS

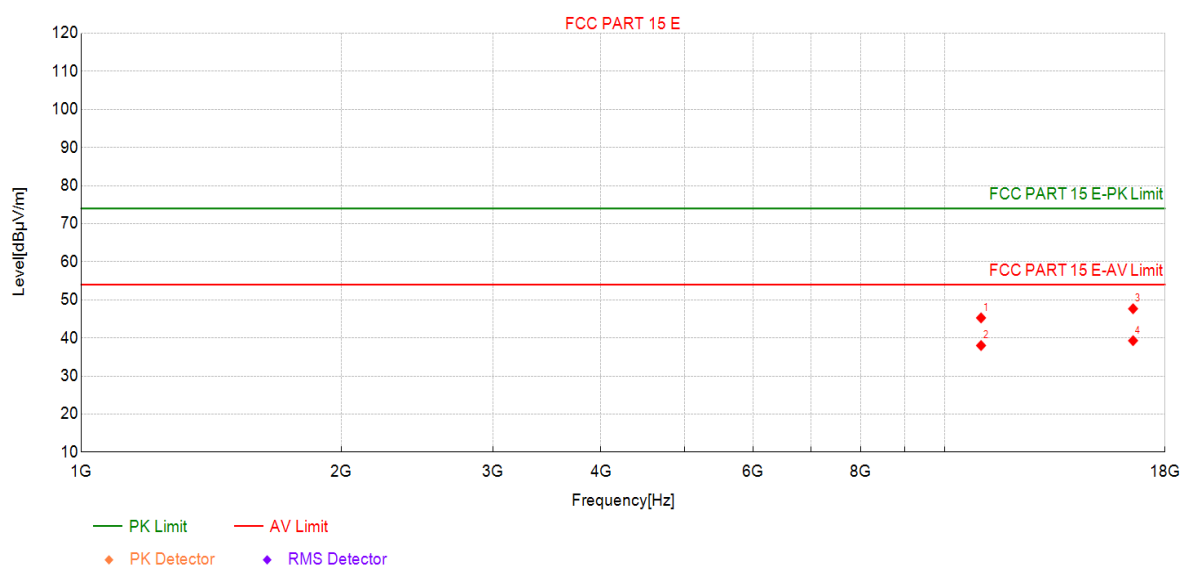
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Project Information

Profile:	24B0230R	EUT:	WiFi 7 (802.11BE) 4X4 MU-MIMO 5 GHz Single Band Wireless Module
Mode:	Mode 9:Transmit at 5510MHz by 802.11ax(40MHz)	Voltage:	3.3Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15 E		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	11020	38.02	45.27	7.25	74.00	28.73	PK	Horizo	PASS
2	11020	30.75	38.00	7.25	54.00	16.00	AV	Horizo	PASS
3	16530	32.66	47.67	15.01	74.00	26.33	PK	Horizo	PASS
4	16530	24.27	39.28	15.01	54.00	14.72	AV	Horizo	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level