



Test report No:
2521079R.701A

FCC TEST REPORT

Product Name	AI Dev Kit
Trademark	N/A
Model and /or type reference	T5AI-Board
FCC ID	2ANDL-T5KIT
Applicant's name / address	Hangzhou Tuya Information Technology Co., Ltd Room 301, Building 1, Huace Center, Xihu District, Hangzhou City, Zhejiang Province, China
Test method requested, standard	47 CFR FCC Part 15 (Section 15.247) ANSI C63.10: 2013
Verdict Summary	IN COMPLIANCE
Tested by (name / position & signature)	Tim Cao / Project Manager 
Approved by (name / position & signature)	Frank He / Technical Manager 
Date of issue	2025-05-16
Report Version	V1.0
Report template No	Template_FCC Part 15C-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.

IMPORTANT:No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

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)	Feb. 28, 2025
Date (start test)	Mar. 25, 2025
Date (finish test)	Mar. 31, 2025

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
T_x	: Transmitter
R_x	: Receiver
N/A	: Not Applicable
N/M	: Not Measured

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2521079R.701A	V1.0	Initial issue of report.	2025-05-16

REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. This report is a limited report on the installation of a test module in a AI Dev Kit, and the customer declares that the RF parameters of the module installed in the host computer are exactly the same as those of the certified module. We verified the RF output power and radiated emissions of the equipment. For other test data, please refer to FCC ID: 2ANDL-T5-E1P. These test results on a sample of the device are for the purpose of demonstrating Compliance with 47 CFR FCC Part 15 (Section 15.247).
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 Channel List;

USED EQUIPMENT

Test Location A :Conducted Test/ TR8

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Wireless Connectivity Tester	R&S	CMW 270	102593	2024.05.15	2025.05.14
Coaxial Cable	N/A	N/A	2477	2024.06.11	2025.06.10
Coaxial Cable	N/A	N/A	2478	2024.06.11	2025.06.10
High and low temperature and fast temperature change test box	ASTUOD	ASTD-FBT-225K	N/A	2024.04.21	2025.04.20
Temperature/Humidity Meter	RTS	RTS-8S	RF07	2024.07.04	2025.07.03

Test system

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
MAX Signal Analyzer	Keysight	N9010A	MY48030494	2024.10.26	2025.10.25
RF Control Unit	Tonscend	JS0806-2	22G8060594	2025.01.26	2026.01.25
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY61252529	2024.05.12	2025.05.11
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59362500	2024.05.12	2025.05.11
EXG-B MW Analog Signal Generator	Keysight	N5173B	MY61252566	2024.07.06	2025.07.05
Test Software	Tonscend	TS1120	JS1120-3	N/A	N/A

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

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
EMI Test Receiver	R&S	ESCI	100176	2024.05.12	2025.05.11
Loop Antenna	R&S	HFH2-Z2E	101149	2024.03.27	2025.03.26
Bilog Antenna	Teseq GmbH	CBL6112D	27613	2024.09.08	2025.09.07
Temperature/Humidity Meter	RTS	RTS-8S	AC2-TH	2024.07.04	2025.07.03
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2024.04.27	2025.04.26
Dekra test software	Dekra	N/A	N/A	N/A	N/A

Test Location B: Radiated Emission Band Edge / AC103

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal analyzer	keysight	N9020B	MY63490118	2024.07.26	2025.07.25
Bilog Antenna	TESEQ	CBL6112D	64164	2024.11.23	2025.11.22
Horn Antenna	RF SPIN	DRH18-E	KV2D11A18ES	2024.11.02	2025.11.01
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	01312	2024.10.28	2025.10.27
Amplifier	ESE	LNA0118	LNA23100009	2024.08.10	2025.08.09
Amplifier	Tonscend	TAP01018048S	AP23J8060307	2024.11.16	2025.11.15

Band Reject Filter Group	Tonscend	JS0806-F	23G806F0701	2024.11.20	2025.11.19
Temperature/Humidity Meter	RTS	RTS-8S	026	2024.09.04	2025.09.03
Test Software	Tonscend	JS36	N/A	N/A	N/A

Test Location A :Conducted Test/ TR8

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

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

Instrument	Manufacturer	Model No.	Serial No.	Firmware Versiom	Software version
EMI Test Receiver	R&S	ESCI	100176	4.42 SP3	N/A
Loop Antenna	R&S	HFH2-Z2E	101149	N/A	N/A
Bilog Antenna	Teseq GmbH	CBL6112D	27613	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	AC2-TH	N/A	N/A
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	3

Test Location B: Radiated Emission Band Edge / AC103

Instrument	Manufacturer	Model No.	Serial No.	Firmware Versiom	Software version
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Signal analyzer	keysight	N9020B	MY63490118	A 08.54	N/A
Bilog Antenna	TESEQ	CBL6112D	64164	N/A	N/A
Horn Antenna	RF SPIN	DRH18-E	KV2D11A18ES	N/A	N/A
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	01312	N/A	N/A
Amplifier	ESE	LNA0118	LNA23100009	N/A	N/A
Amplifier	Tonscend	TAP01018048S	AP23J8060307	N/A	N/A
Band Reject Filter Group	Tonscend	JS0806-F	23G806F0701	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	026	N/A	N/A
Test Software	Tonscend	JS36	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%. The Uncertainties is comply with standard required as below.

Test item Test Location A	Uncertainty
AC Power Line Conducted Emission	9kHz~150kHz: 2.8 dB 150kHz~30MHz: 2.4 dB
Peak Power Output	± 1.3 dB
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~300MHz: 3.5 dB, 300MHz~1GHz: 3.6 dB Vertical: 30MHz~300MHz: 3.6 dB, 300MHz~1GHz: 3.5 dB
Radiated Emission(1GHz~40GHz)	Horizontal: 1GHz~40GHz: 5.0 dB Vertical: 1GHz~40GHz: 4.8 dB
RF antenna conducted test	± 1.3 dB
Radiated Emission Band Edge	± 5.0 dB
DTS Bandwidth	± 1 kHz
Occupied Bandwidth	± 1 kHz
Power Density	± 1.3 dB

Test item Test Location B	Uncertainty
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~300MHz: 4.9 dB, 300MHz~1GHz: 4.9 dB Vertical: 30MHz~300MHz: 4.9 dB, 300MHz~1GHz: 4.9 dB
Radiated Emission(1GHz~40GHz)	Horizontal: 1GHz~40GHz: 6.0 dB Vertical: 1GHz~40GHz: 5.8 dB
Radiated Emission Band Edge	± 6.0 dB

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name	AI Dev Kit
Trademark	N/A
Model No.	T5AI-Board
FCC ID.	2ANDL-T5KIT
Hardware Version	V1.0.1
Software Version	V1.0.3
Power Supply	DC: 5V, 2A 10W
Manufacturer	Hangzhou Tuya Information Technology Co., Ltd
Manufacturer address	Room 301, Building 1, Huace Center, Xihu District, Hangzhou City, Zhejiang Province, China
Wireless specification	2.4G Wi-Fi
Type of Modulation	802.11b: DSSS-DBPSK, DQPSK, CCK 802.11g/n/ax: OFDM, OFDMA
Operating frequency range(s)	802.11b/g/n/ax(20MHz): 2412~2462MHz 802.11n/ax(40MHz): 2422~2452MHz
Number of channels	802.11b/g/n/ax(20MHz): 11 802.11n/ax(40MHz): 7
Antenna Type	PCB
Antenna Gain	1.16 dBi
Note: All RU models have been evaluated and tested to reflect worst-case data only in reports.	

1.2 Channel List

IEEE 802.11b/g/n(20MHz)/ax(20MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
001	2412 MHz	002	2417 MHz	003	2422 MHz	004	2427 MHz
005	2432 MHz	006	2437 MHz	007	2442 MHz	008	2447 MHz
009	2452 MHz	010	2457 MHz	011	2462 MHz	N/A	N/A

IEEE 802.11n(40MHz)/ax(40MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
003	2422 MHz	004	2427 MHz	005	2432 MHz	006	2437 MHz
007	2442 MHz	008	2447 MHz	009	2452 MHz	N/A	N/A

Note: The General Description of the Item, antenna information, Test Data Rate and Channel List in clause 1 are provided and confirmed by the client.

2 DESCRIPTION OF TEST SETUP

2.1 Auxiliary equipment /Accessories/Test software for the EUT

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
(1) Notebook	ThinkPad T14	Lenovo	Adapter
(2) LAN Control Cable	N/A	N/A	N/A
(3) LAN Control Cable	N/A	N/A	N/A
software	Type / Version	Manufacturer	Supplied by
Wi-Fi Test Tool	V1.8.0	N/A	N/A

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
CFR 47, FCC Part 15 C	2024	Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz.
ANSI C63.10	2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless 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

Test Item	FCC Rule No.	Test Method	Result
Antenna Requirement	15.203/15.247(b)	--	PASS ²⁾
AC Power Line Conducted Emission	15.207	ANSI C63.10 2013 Section 6.2	N/A ¹⁾
Duty Cycle	--	--	PASS ²⁾
Conducted Output Power	15.247 (b)(3)	ANSI C63.10 2013 Section 11.9.2.3	PASS
DTS (6 dB) Bandwidth & 99% Occupied Bandwidth	15.247 (a)(2)	ANSI C63.10 2013 Section 11.8 Option 2 / 6.9.3	PASS ²⁾
Power Spectral Density	15.247 (e)	ANSI C63.10 2013 Section 11.10.2	PASS ²⁾
Band-Edge	15.247(d)	ANSI C63.10 2013 Section 11.11	PASS
RF Conducted Spurious Emissions	15.247(d)	ANSI C63.10 2013 Section 11.11	PASS ²⁾
Radiated Spurious Emissions	15.247(d);15.205/15.209	ANSI C63.10 2013 Section 11.12	PASS
Restricted bands around fundamental frequency (Radiated Emission)	15.247(d);15.205/15.209	ANSI C63.10 2013 Section 11.12	PASS ²⁾

Supplementary information:

1) The EUT uses DC power supply.

2) Only the Conducted Output Power and Band-Edge and Radiated Spurious were fully tested. These items please refer to the Wi-Fi2.4G Module report 24B0486R-RF-US-P06V01. The FCC ID is 2ANDL-T5-E1P has been certified, and the test report issued by DEKRA Testing and Certification (Suzhou) Co., Ltd. on 12/23/2024.

Requirement – Test Item	Standard(s)	Verdict	Tset Location	Remark
Maximum Conducted Output Power	FCC 15.247(b)(1)	PASS	A	Test data please refer to Appendix A
Emissions in Restricted Bands	FCC 15.247(b)(3)	PASS	B	Test data please refer to Appendix B
Band edge measurements	FCC 15.247(d)	PASS	B	Test data please refer to Appendix C

3.4 Power setting in test

Mode	Channel	Frequency (MHz)	Power setting
802.11b	1	2412	Default
	6	2437	Default
	11	2462	Default
802.11g	1	2412	Default
	6	2437	Default
	11	2462	Default
802.11n(20MHz)	1	2412	Default
	6	2437	Default
	11	2462	Default
802.11n(40MHz)	3	2422	Default
	6	2437	Default
	9	2452	Default
802.11ax(20MHz)	1	2412	Default
	6	2437	Default
	11	2462	Default
802.11ax(40MHz)	3	2422	Default
	6	2437	Default
	9	2452	Default

3.5 Test Matrix

Test item	Model: T5AI-Board	
	#1	#2
Maximum Conducted Output Power	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emissions in Restricted Bands	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Band edge measurements	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Note1: The only difference between sample #1 and sample #2 is whether to keep the original antenna, sample #1 is a conduction test product that removes the original antenna and is equipped with SMA wires, and sample #2 is a complete product that retains the original antenna.

3.6 Test Facility

Tset Location A : FCC Designation Number: CN1199

Tset Location B : FCC Designation Number: CN1321

4 TEST ITEMS OF LIMIT/SETUP/PROCEDURE

4.1 Maximum Conducted Output Power

VERDICT: PASS

4.1.1 Limit

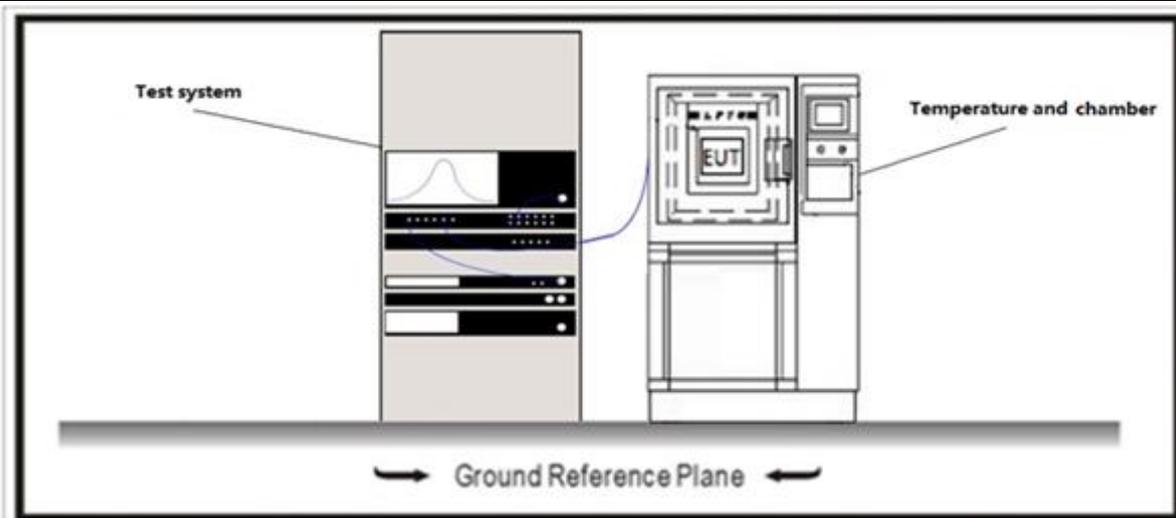
Standard FCC Part 15 Subpart C Paragraph 15.247 (b)(3);

<input checked="" type="checkbox"/>	GTX < 6dBi	$P_{out} \leq 30 \text{ dBm}$
<input type="checkbox"/>	GTX > 6dBi	
<input type="checkbox"/>	Non-Fix point-point	$P_{out} \leq 30 - (GTX - 6)$
<input type="checkbox"/>	Fix point-point	$P_{out} \leq 30 - [(GTX - 6)]/3$
<input type="checkbox"/>	Point-to-multipoint	$P_{out} \leq 30 - (GTX - 6)$
<input type="checkbox"/>	Overlap Beams	$P_{out} \leq 30 - [(GTX - 6)]/3$
<input type="checkbox"/>	Aggregate power transmitted simultaneously on all beams	$P_{out} \leq 30 - [(GTX - 6)]/3$
<input type="checkbox"/>	single directional beam	$P_{out} \leq 30 - [(GTX - 6)]/3 + 8 \text{ dB}$

Note 1 : GTX directional gain of transmitting antennas.

Note 2 : Pout is maximum peak conducted output power .

4.1.2 Test Setup



4.1.3 Test Procedure

	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	7.8	Evaluation of frequency-hopping device parameters
<input checked="" type="checkbox"/>	ANSI C63.10	7.8.5	Output power test procedure for frequency-hopping spread-spectrum (FHSS) devices

4.2 Emissions in Restricted Bands**VERDICT: PASS****4.2.1 Limit****Standard**

FCC Part 15 Subpart C Paragraph 15.205

Restricted Bands of operation

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
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
8.81425 – 8.81475	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	
13.36 – 13.41			

Restricted Band Emissions Limit

FCC Part 15 Subpart C Paragraph 15.209

Frequency (MHz)	Field strength ($\mu\text{V}/\text{m}$)	Field strength ($\text{dB}\mu\text{V}/\text{m}$)	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)

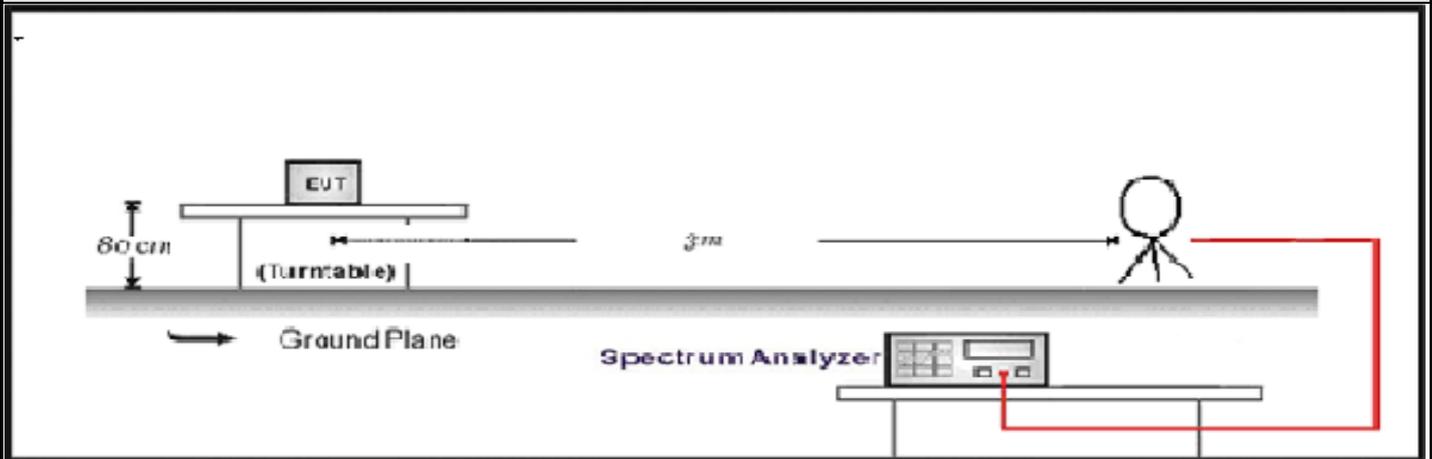
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed 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

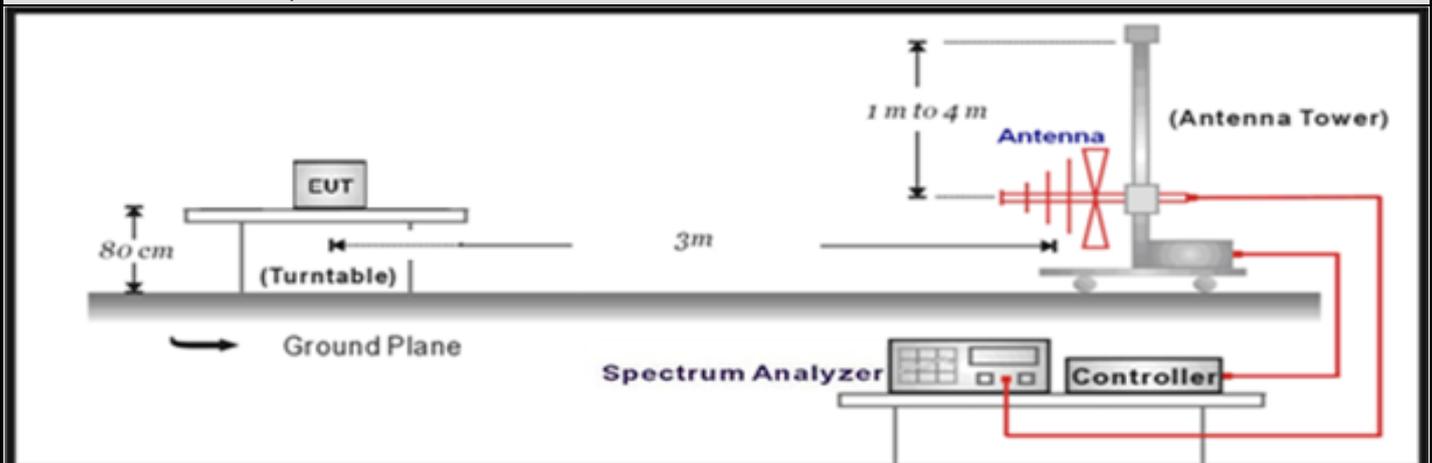
shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

4.2.2 Test Setup

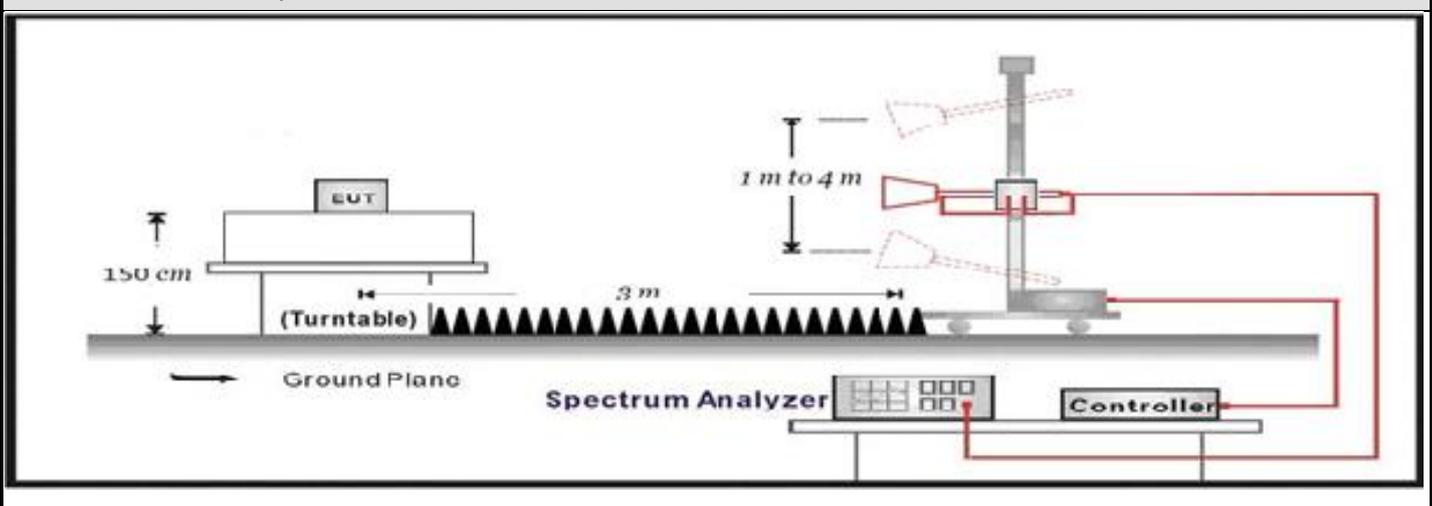
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.2.3 Test Procedure

	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	11.12	Emissions in restricted frequency bands
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	11.12.1	Radiated emission measurements
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	11.12.2.7	Radiated spurious emission test
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

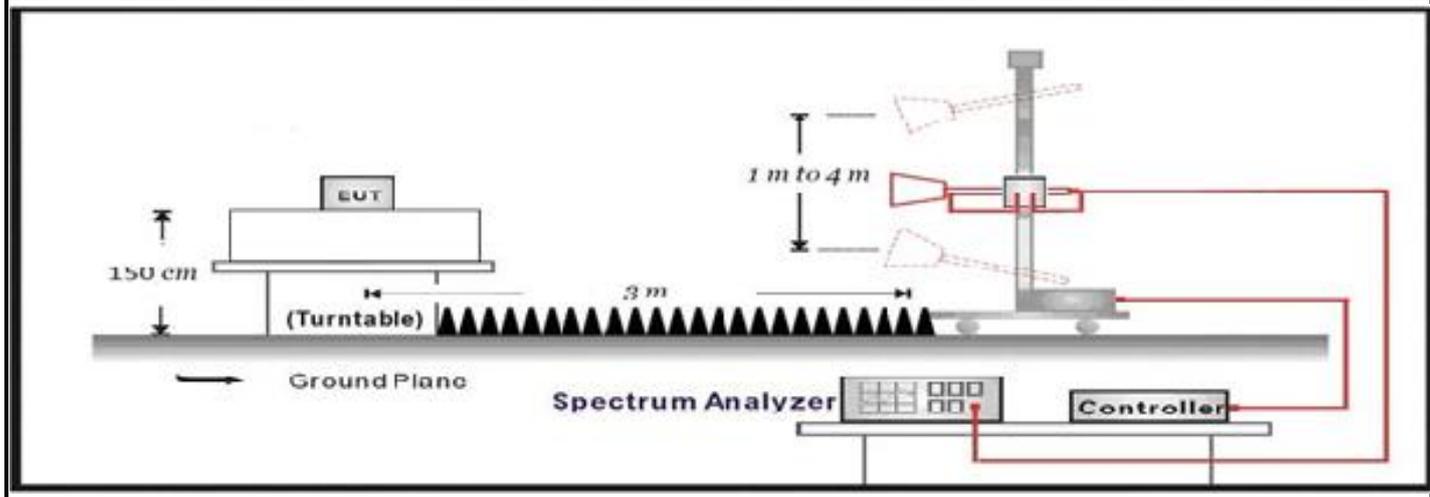
4.3 Band edge measurements	VERDICT: PASS
-----------------------------------	----------------------

4.3.1 Limit

Standard		FCC Part 15 Subpart C Paragraph 15.247(d) , 15.209		
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390 2483.5-2500	PK	74	1	3
	AV	54	1	3

Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.

4.3.2 Test Setup



4.3.3 Test Procedure

Test Method			
	References Rule	Chapter	Description
<input type="checkbox"/>	DA 00-705	N/A	duty cycle correction factor
<input checked="" type="checkbox"/>	ANSI C63.10	6.10	Band-edge testing
	<input checked="" type="checkbox"/> ANSI C63.10	6.10.5	Restricted-band band-edge measurements
	<input type="checkbox"/> ANSI C63.10	6.10.6	Marker-delta method
<input type="checkbox"/>	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
<input type="checkbox"/>	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
<input type="checkbox"/>	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

5 TEST SETUP PHOTO AND EUT PHOTO

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

6 TEST RESULT

Appendix A: Maximum Conducted Output Power

Test Mode	Frequency [MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	2412	17.49	≤30.00	18.65	≤36.00	PASS
	2437	17.39	≤30.00	18.55	≤36.00	PASS
	2462	17.46	≤30.00	18.62	≤36.00	PASS
11G	2412	15.36	≤30.00	16.52	≤36.00	PASS
	2437	15.63	≤30.00	16.79	≤36.00	PASS
	2462	15.94	≤30.00	17.10	≤36.00	PASS
11N20SISO	2412	14.56	≤30.00	15.72	≤36.00	PASS
	2437	14.60	≤30.00	15.76	≤36.00	PASS
	2462	14.48	≤30.00	15.64	≤36.00	PASS
11N40SISO	2422	12.36	≤30.00	13.52	≤36.00	PASS
	2437	12.39	≤30.00	13.55	≤36.00	PASS
	2452	12.46	≤30.00	13.62	≤36.00	PASS
11AX20SISO	2412	14.30	≤30.00	15.46	≤36.00	PASS
	2437	14.19	≤30.00	15.35	≤36.00	PASS
	2462	14.54	≤30.00	15.70	≤36.00	PASS
11AX40SISO	2422	12.26	≤30.00	13.42	≤36.00	PASS
	2437	12.47	≤30.00	13.63	≤36.00	PASS
	2452	12.44	≤30.00	13.60	≤36.00	PASS

Test Mode	Frequency [MHz]	Ru Size	Ru Index	Conducted Power [dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AX20SISO	2412	26Tone	RU0	11.23	≤30.00	12.39	≤36.00	PASS
			RU4	14.00	≤30.00	15.16	≤36.00	PASS
			RU8	11.88	≤30.00	13.04	≤36.00	PASS
		52Tone	RU37	12.29	≤30.00	13.45	≤36.00	PASS
			RU39	15.14	≤30.00	16.30	≤36.00	PASS
			RU40	12.45	≤30.00	13.61	≤36.00	PASS
	106Tone	RU53	13.51	≤30.00	14.67	≤36.00	PASS	
		RU54	13.92	≤30.00	15.08	≤36.00	PASS	
	2437	26Tone	RU0	11.70	≤30.00	12.86	≤36.00	PASS

			RU4	14.47	≤30.00	15.63	≤36.00	PASS
			RU8	11.31	≤30.00	12.47	≤36.00	PASS
		52Tone	RU37	12.58	≤30.00	13.74	≤36.00	PASS
			RU39	14.59	≤30.00	15.75	≤36.00	PASS
			RU40	12.31	≤30.00	13.47	≤36.00	PASS
		106Tone	RU53	13.56	≤30.00	14.72	≤36.00	PASS
			RU54	13.56	≤30.00	14.72	≤36.00	PASS
	2462	26Tone	RU0	12.16	≤30.00	13.32	≤36.00	PASS
			RU4	14.84	≤30.00	16.00	≤36.00	PASS
			RU8	11.87	≤30.00	13.03	≤36.00	PASS
		52Tone	RU37	12.88	≤30.00	14.04	≤36.00	PASS
			RU39	14.67	≤30.00	15.83	≤36.00	PASS
			RU40	12.74	≤30.00	13.90	≤36.00	PASS
		106Tone	RU53	14.14	≤30.00	15.30	≤36.00	PASS
RU54			14.26	≤30.00	15.42	≤36.00	PASS	
11AX40SISO	2422	26Tone	RU0	8.27	≤30.00	9.43	≤36.00	PASS
			RU17	8.43	≤30.00	9.59	≤36.00	PASS
		52Tone	RU37	8.79	≤30.00	9.95	≤36.00	PASS
			RU44	9.39	≤30.00	10.55	≤36.00	PASS
		106Tone	RU53	10.46	≤30.00	11.62	≤36.00	PASS
			RU56	10.69	≤30.00	11.85	≤36.00	PASS
		242Tone	RU61	12.02	≤30.00	13.18	≤36.00	PASS
			RU62	12.40	≤30.00	13.56	≤36.00	PASS
	2437	26Tone	RU0	8.36	≤30.00	9.52	≤36.00	PASS
			RU17	8.38	≤30.00	9.54	≤36.00	PASS
		52Tone	RU37	8.97	≤30.00	10.13	≤36.00	PASS
			RU44	9.05	≤30.00	10.21	≤36.00	PASS
		106Tone	RU53	10.68	≤30.00	11.84	≤36.00	PASS
			RU56	10.77	≤30.00	11.93	≤36.00	PASS
		242Tone	RU61	12.33	≤30.00	13.49	≤36.00	PASS
			RU62	12.30	≤30.00	13.46	≤36.00	PASS
	2452	26Tone	RU0	8.38	≤30.00	9.54	≤36.00	PASS
			RU17	8.35	≤30.00	9.51	≤36.00	PASS
		52Tone	RU37	9.26	≤30.00	10.42	≤36.00	PASS
			RU44	9.29	≤30.00	10.45	≤36.00	PASS

		106Tone	RU53	10.60	≤30.00	11.76	≤36.00	PASS
			RU56	10.96	≤30.00	12.12	≤36.00	PASS
		242Tone	RU61	12.63	≤30.00	13.79	≤36.00	PASS
			RU62	13.29	≤30.00	14.45	≤36.00	PASS

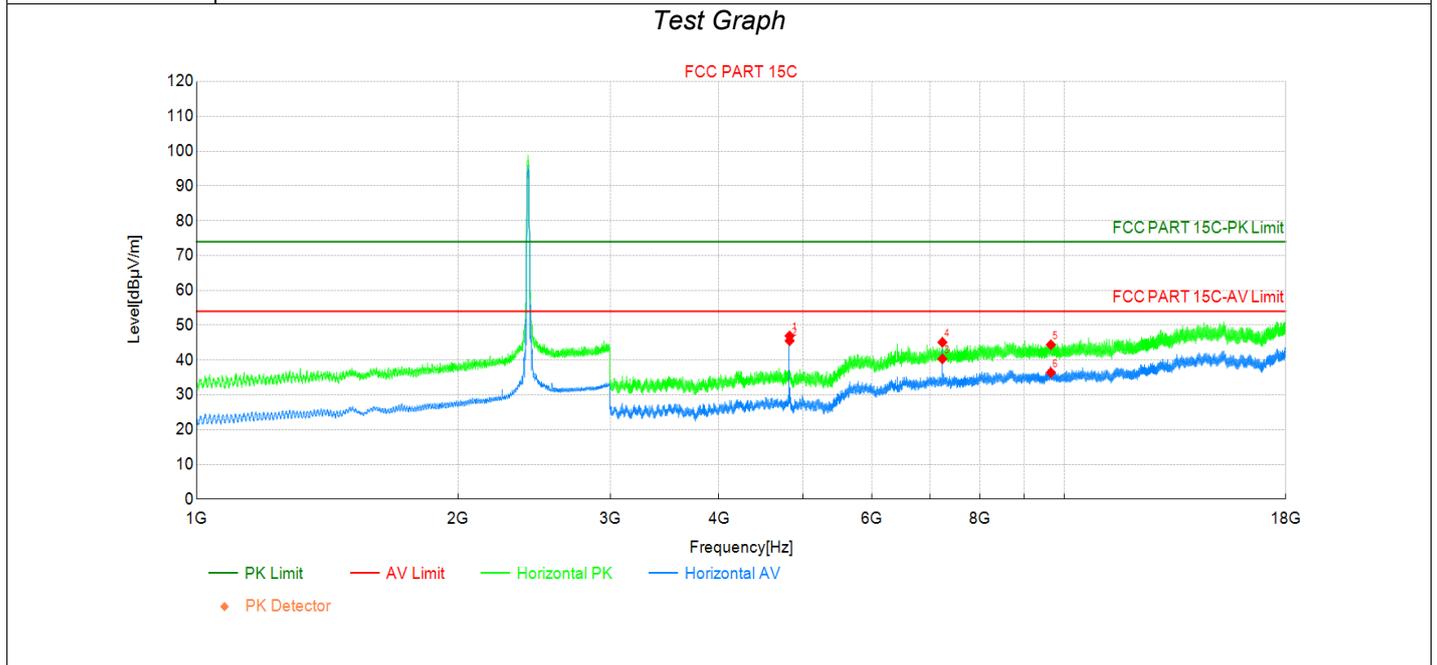
Note 1: EIRP Power = Conducted Power + Antenna gain

Note 2: The Antenna gain please refer to clause 1.1

Appendix B: Emissions in Restricted Band

Test Report

Project Information			
Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		



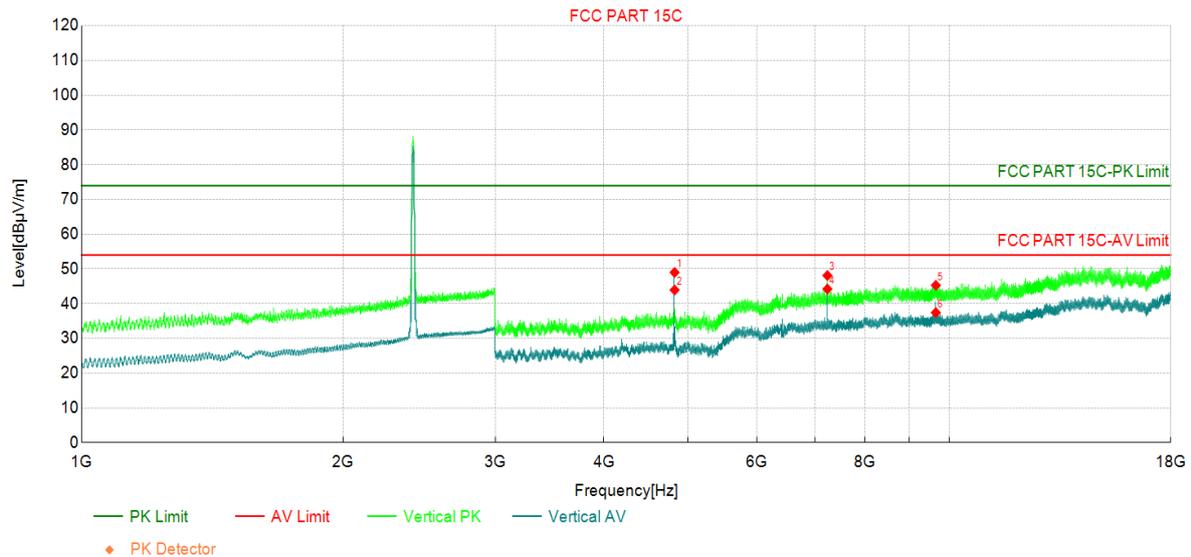
Suspected Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	52.94	46.90	-6.04	74.00	27.10	PK	Horizo	PASS
2	4824.38	51.56	45.52	-6.04	54.00	8.48	AV	Horizo	PASS
3	7236.00	37.35	40.32	2.97	54.00	13.68	AV	Horizo	PASS
4	7236.00	42.09	45.06	2.97	74.00	28.94	PK	Horizo	PASS
5	9648.00	38.29	44.37	6.08	74.00	29.63	PK	Horizo	PASS
6	9648.00	30.31	36.39	6.08	54.00	17.61	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

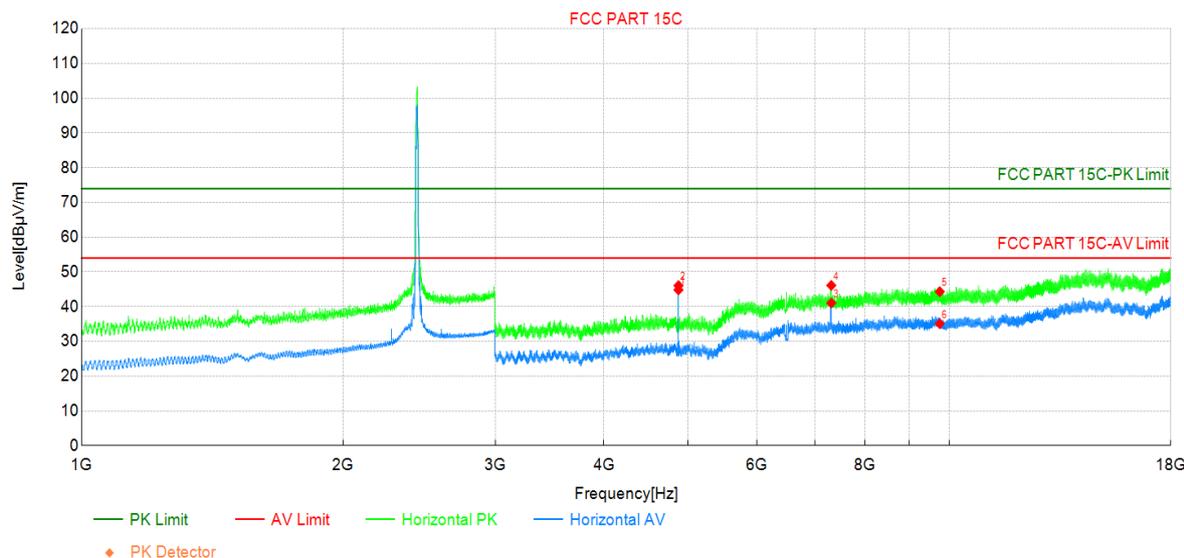
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	55.03	48.99	-6.04	74.00	25.01	PK	Vertic	PASS
2	4824.00	49.96	43.92	-6.04	54.00	10.08	AV	Vertic	PASS
3	7236.00	45.12	48.09	2.97	74.00	25.91	PK	Vertic	PASS
4	7236.00	41.25	44.22	2.97	54.00	9.78	AV	Vertic	PASS
5	9648.00	39.21	45.29	6.08	74.00	28.71	PK	Vertic	PASS
6	9648.00	31.34	37.42	6.08	54.00	16.58	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2437MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

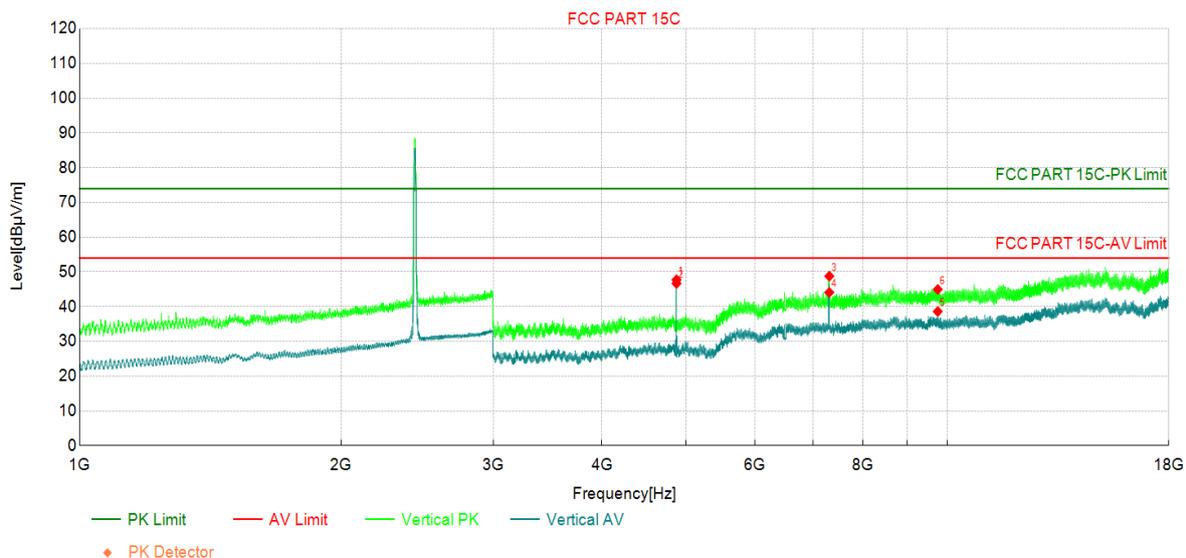
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	50.90	44.82	-6.08	54.00	9.18	AV	Horizo	PASS
2	4874.00	52.14	46.06	-6.08	74.00	27.94	PK	Horizo	PASS
3	7311.00	38.17	41.04	2.87	54.00	12.96	AV	Horizo	PASS
4	7311.00	43.24	46.11	2.87	74.00	27.89	PK	Horizo	PASS
5	9748.00	38.16	44.32	6.16	74.00	29.68	PK	Horizo	PASS
6	9748.00	28.92	35.08	6.16	54.00	18.92	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2437MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

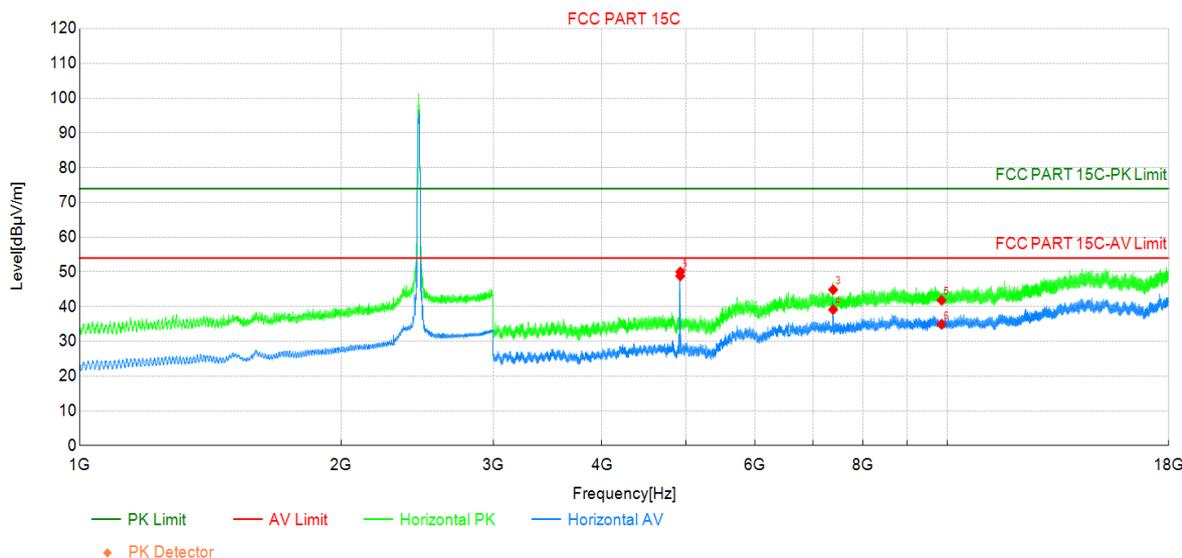
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	53.81	47.73	-6.08	74.00	26.27	PK	Vertic	PASS
2	4874.00	52.76	46.68	-6.08	54.00	7.82	AV	Vertic	PASS
3	7311.00	45.91	48.78	2.87	74.00	25.22	PK	Vertic	PASS
4	7311.00	41.23	44.10	2.87	54.00	9.90	AV	Vertic	PASS
5	9748.00	32.45	38.61	6.16	54.00	15.39	AV	Vertic	PASS
6	9748.00	38.79	44.95	6.16	74.00	29.05	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2462MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

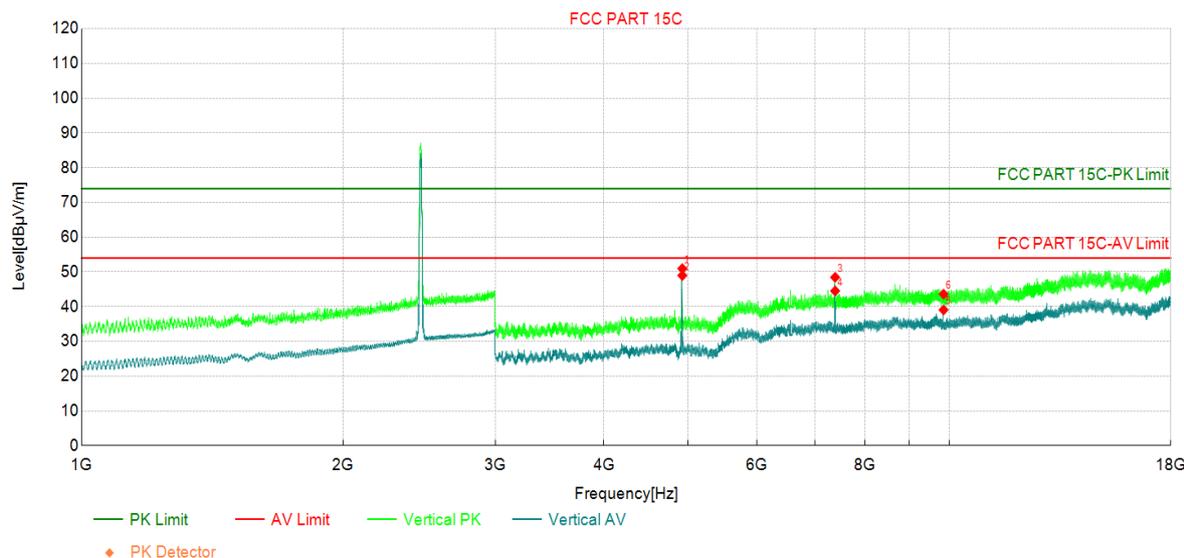
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	55.79	50.03	-5.76	74.00	23.97	PK	Horizo	PASS
2	4924.00	54.59	48.83	-5.76	54.00	6.67	AV	Horizo	PASS
3	7386.00	42.57	44.87	2.30	74.00	29.13	PK	Horizo	PASS
4	7386.00	36.84	39.14	2.30	54.00	14.86	AV	Horizo	PASS
5	9848.00	36.04	41.84	5.80	74.00	32.16	PK	Horizo	PASS
6	9848.00	29.14	34.94	5.80	54.00	19.06	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2462MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

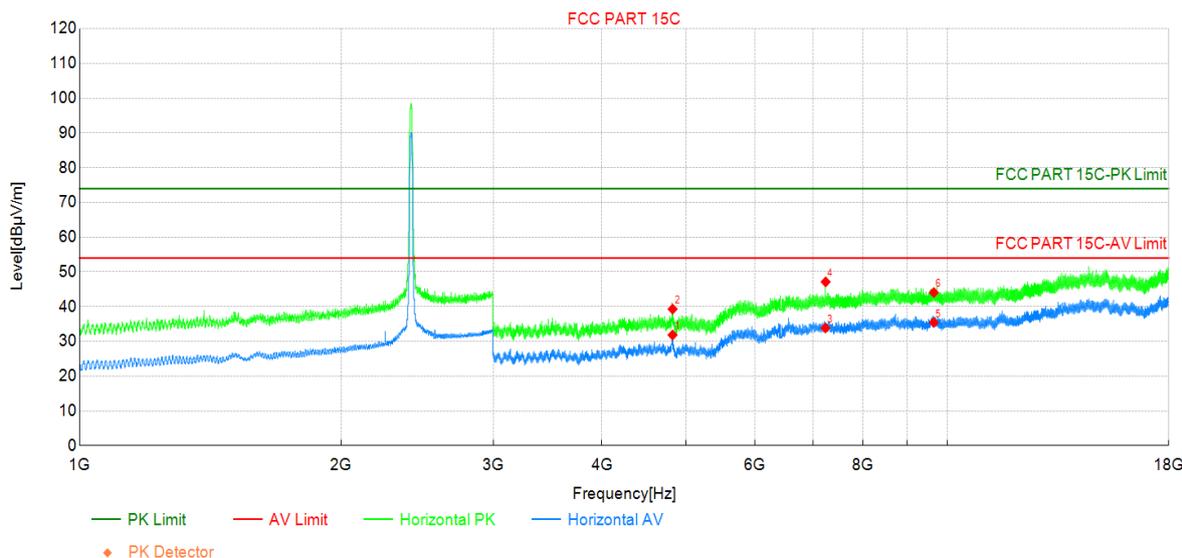
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	56.70	50.94	-5.76	74.00	23.06	PK	Vertic	PASS
2	4924.00	54.73	48.97	-5.76	54.00	6.03	AV	Vertic	PASS
3	7386.00	46.15	48.45	2.30	74.00	25.55	PK	Vertic	PASS
4	7386.00	42.21	44.51	2.30	54.00	9.49	AV	Vertic	PASS
5	9848.00	33.26	39.06	5.80	54.00	14.94	AV	Vertic	PASS
6	9848.00	37.80	43.60	5.80	74.00	30.40	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

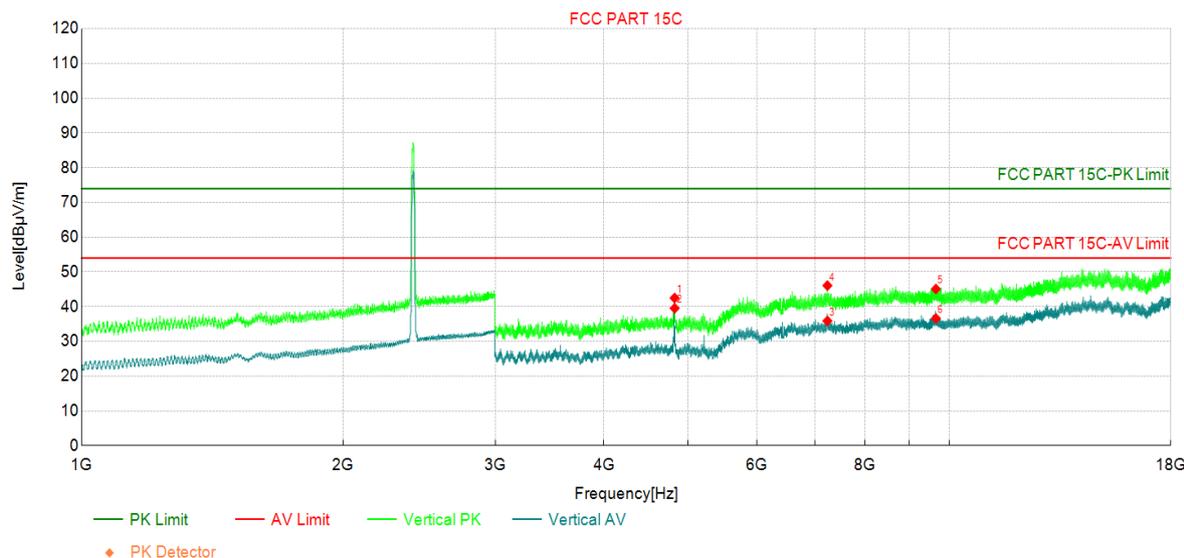
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	37.88	31.84	-6.04	54.00	22.16	AV	Horizo	PASS
2	4824.00	45.35	39.31	-6.04	74.00	34.69	PK	Horizo	PASS
3	7236.00	30.89	33.86	2.97	54.00	20.14	AV	Horizo	PASS
4	7240.50	44.16	47.13	2.97	74.00	26.87	PK	Horizo	PASS
5	9648.00	29.38	35.46	6.08	54.00	18.54	AV	Horizo	PASS
6	9648.00	37.98	44.06	6.08	74.00	29.94	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

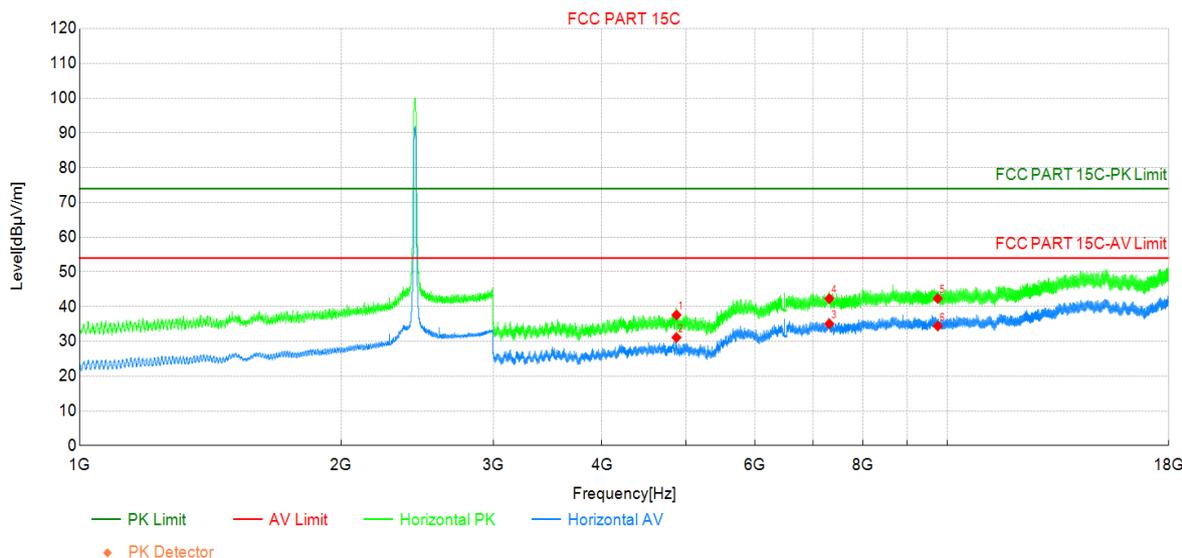
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	48.53	42.49	-6.04	74.00	31.51	PK	Vertic	PASS
2	4824.38	45.58	39.54	-6.04	54.00	14.96	AV	Vertic	PASS
3	7236.00	32.92	35.89	2.97	54.00	18.11	AV	Vertic	PASS
4	7236.00	43.08	46.05	2.97	74.00	27.95	PK	Vertic	PASS
5	9648.00	39.00	45.08	6.08	74.00	28.92	PK	Vertic	PASS
6	9648.00	30.53	36.61	6.08	54.00	17.39	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2437MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

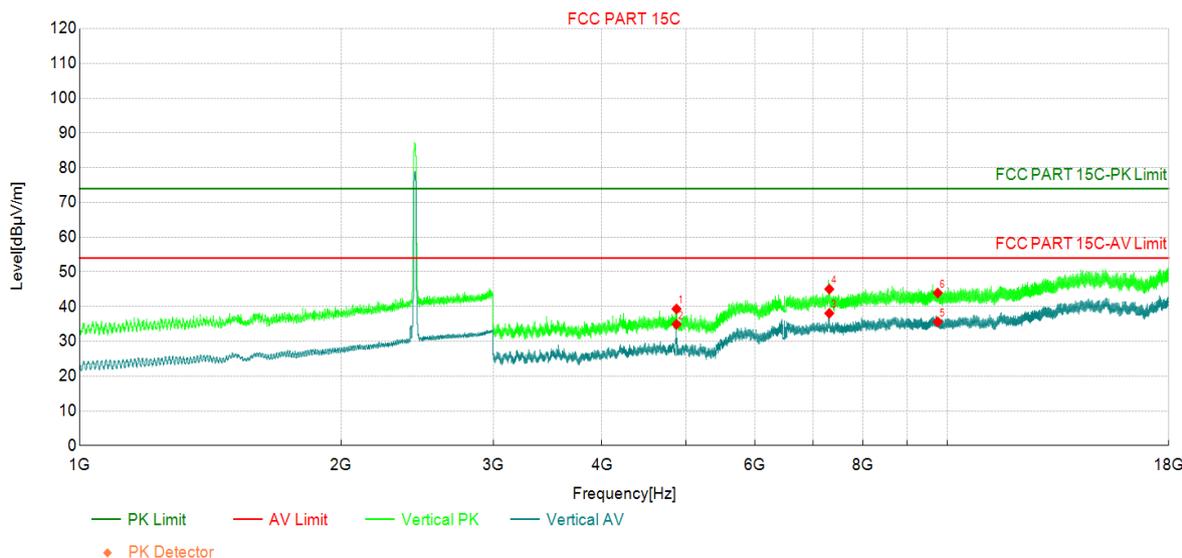
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	43.68	37.60	-6.08	74.00	36.40	PK	Horizo	PASS
2	4874.00	37.20	31.12	-6.08	54.00	22.88	AV	Horizo	PASS
3	7311.00	32.20	35.07	2.87	54.00	18.93	AV	Horizo	PASS
4	7311.00	39.43	42.30	2.87	74.00	31.70	PK	Horizo	PASS
5	9748.00	36.18	42.34	6.16	74.00	31.66	PK	Horizo	PASS
6	9748.00	28.26	34.42	6.16	54.00	19.58	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2437MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

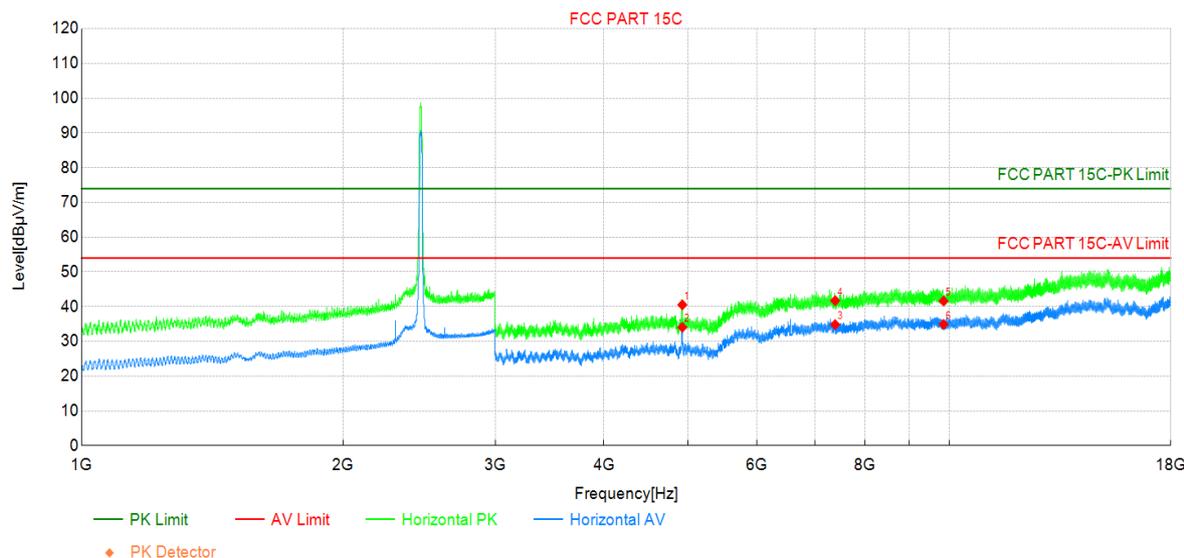
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1	4874.00	45.42	39.34	-6.08	74.00	34.66	PK	Vertic	PASS
2	4874.00	41.02	34.94	-6.08	54.00	19.06	AV	Vertic	PASS
3	7311.00	35.22	38.09	2.87	54.00	15.91	AV	Vertic	PASS
4	7311.00	42.18	45.05	2.87	74.00	28.95	PK	Vertic	PASS
5	9748.00	29.47	35.63	6.16	54.00	18.37	AV	Vertic	PASS
6	9748.00	37.77	43.93	6.16	74.00	30.07	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

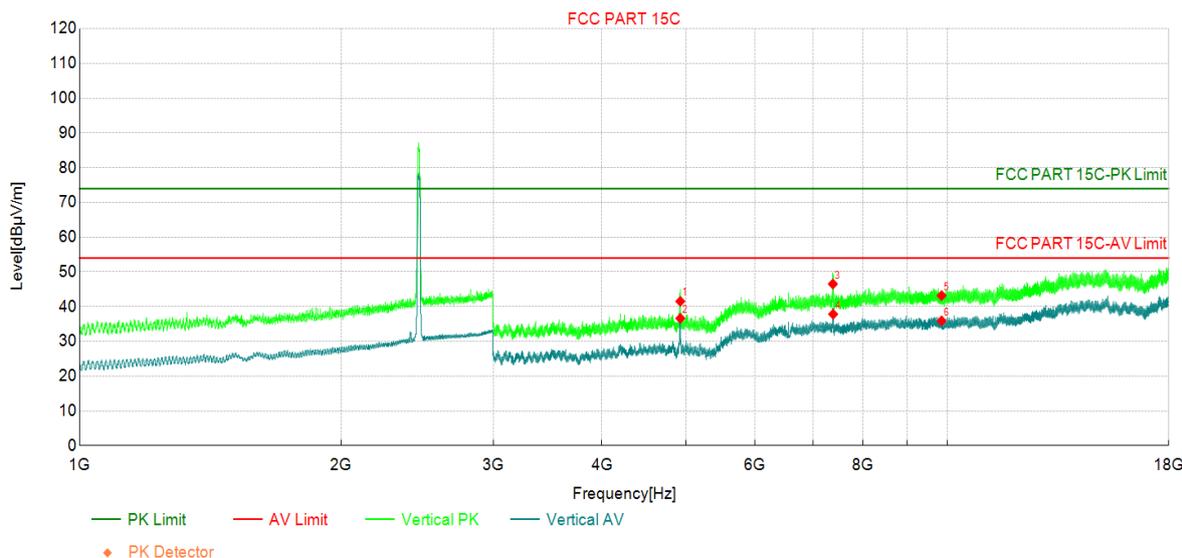
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	46.27	40.51	-5.76	74.00	33.49	PK	Horizo	PASS
2	4924.00	39.82	34.06	-5.76	54.00	19.94	AV	Horizo	PASS
3	7386.00	32.55	34.85	2.30	54.00	19.15	AV	Horizo	PASS
4	7386.00	39.43	41.73	2.30	74.00	32.27	PK	Horizo	PASS
5	9848.00	35.82	41.62	5.80	74.00	32.38	PK	Horizo	PASS
6	9848.00	29.11	34.91	5.80	54.00	19.09	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

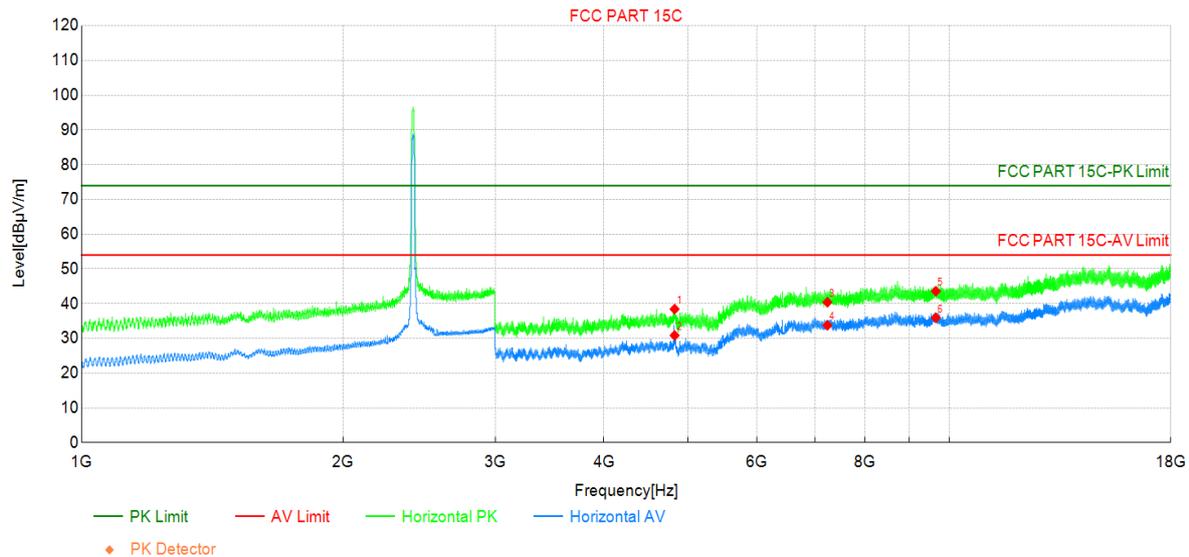
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1	4924.00	47.29	41.53	-5.76	74.00	32.47	PK	Vertic	PASS
2	4924.00	42.39	36.63	-5.76	54.00	17.37	AV	Vertic	PASS
3	7380.00	44.17	46.52	2.35	74.00	27.48	PK	Vertic	PASS
4	7386.00	35.54	37.84	2.30	54.00	16.16	AV	Vertic	PASS
5	9848.00	37.38	43.18	5.80	74.00	30.82	PK	Vertic	PASS
6	9848.00	30.12	35.92	5.80	54.00	18.08	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2412MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

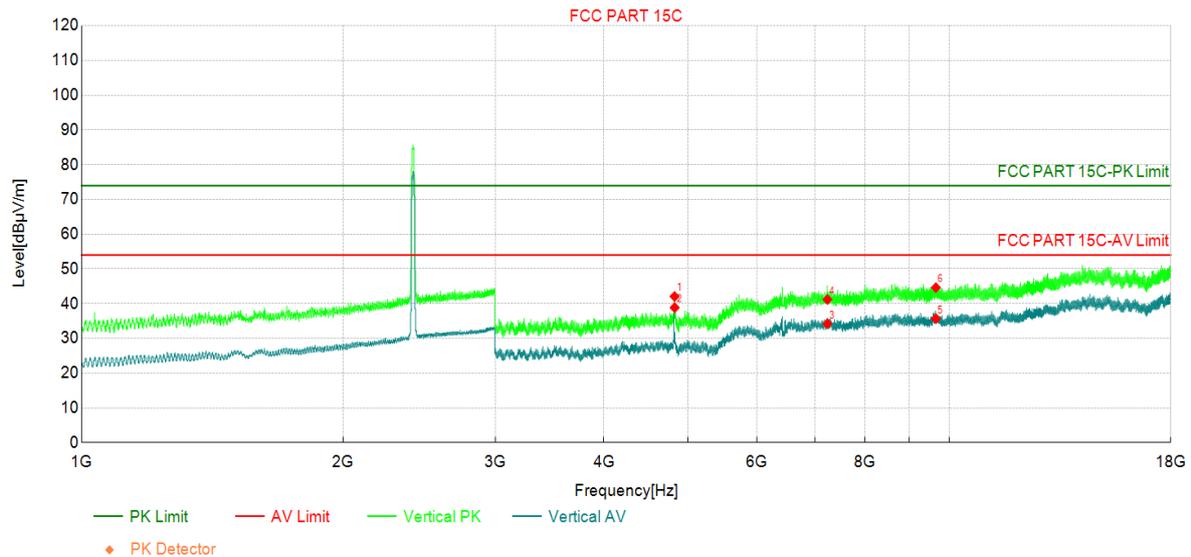
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	44.46	38.42	-6.04	74.00	35.58	PK	Horizo	PASS
2	4824.00	36.89	30.85	-6.04	54.00	23.15	AV	Horizo	PASS
3	7236.00	37.43	40.40	2.97	74.00	33.60	PK	Horizo	PASS
4	7236.00	30.79	33.76	2.97	54.00	20.24	AV	Horizo	PASS
5	9648.00	37.51	43.59	6.08	74.00	30.41	PK	Horizo	PASS
6	9648.00	29.86	35.94	6.08	54.00	18.06	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2412MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

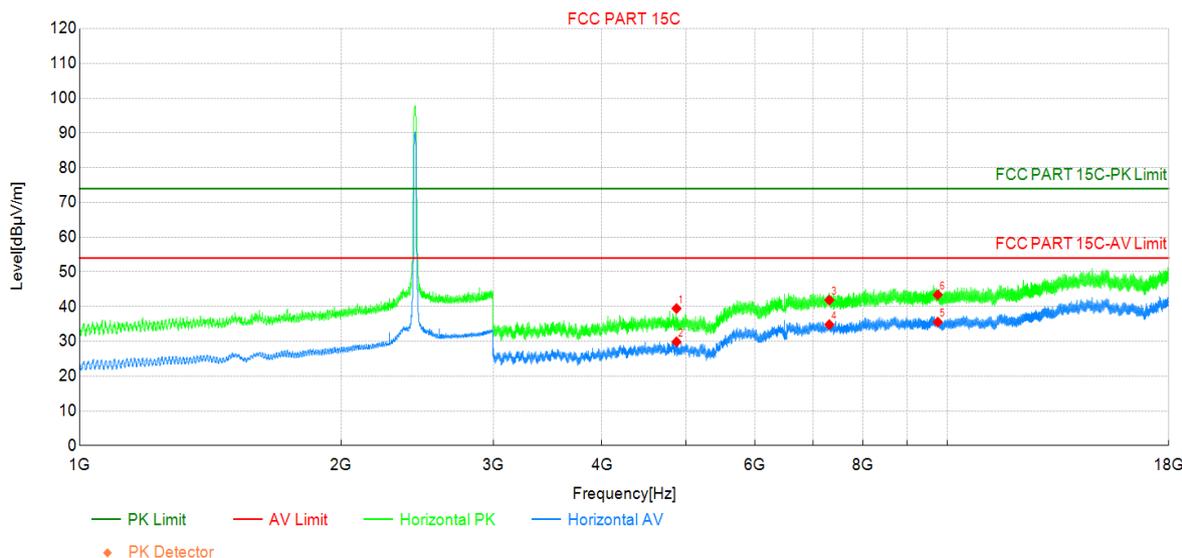
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	48.10	42.06	-6.04	74.00	31.94	PK	Vertic	PASS
2	4824.38	44.89	38.85	-6.04	54.00	15.15	AV	Vertic	PASS
3	7236.00	31.25	34.22	2.97	54.00	19.78	AV	Vertic	PASS
4	7236.00	38.23	41.20	2.97	74.00	32.80	PK	Vertic	PASS
5	9648.00	29.61	35.69	6.08	54.00	18.31	AV	Vertic	PASS
6	9648.00	38.53	44.61	6.08	74.00	29.39	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2437MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

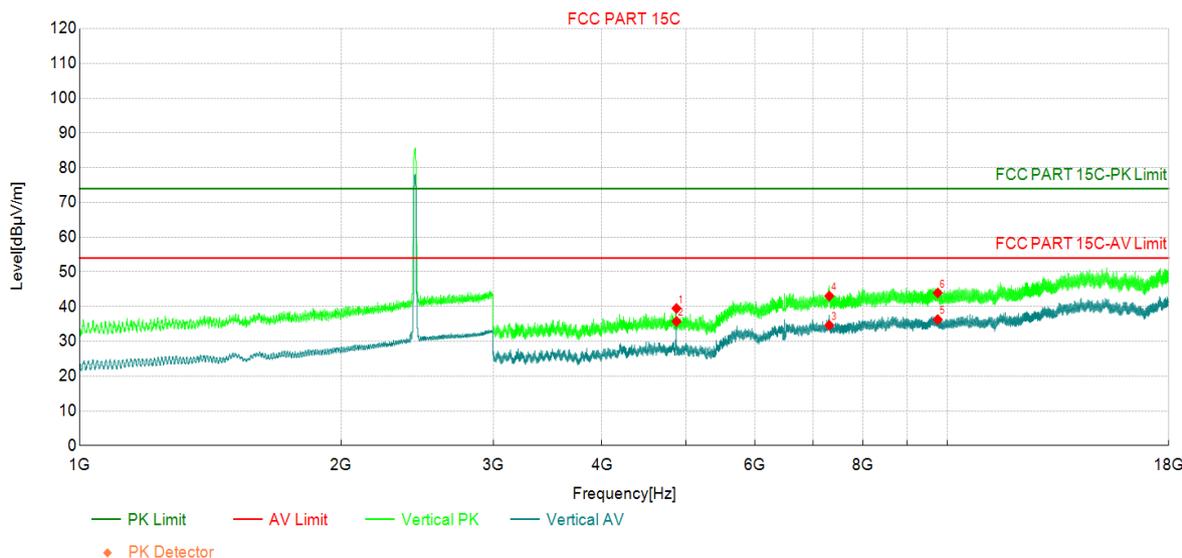
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	45.54	39.46	-6.08	74.00	34.54	PK	Horizo	PASS
2	4874.00	35.95	29.87	-6.08	54.00	24.13	AV	Horizo	PASS
3	7311.00	39.02	41.89	2.87	74.00	32.11	PK	Horizo	PASS
4	7311.00	31.97	34.84	2.87	54.00	19.16	AV	Horizo	PASS
5	9748.00	29.41	35.57	6.16	54.00	18.43	AV	Horizo	PASS
6	9748.00	37.25	43.41	6.16	74.00	30.59	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2437MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

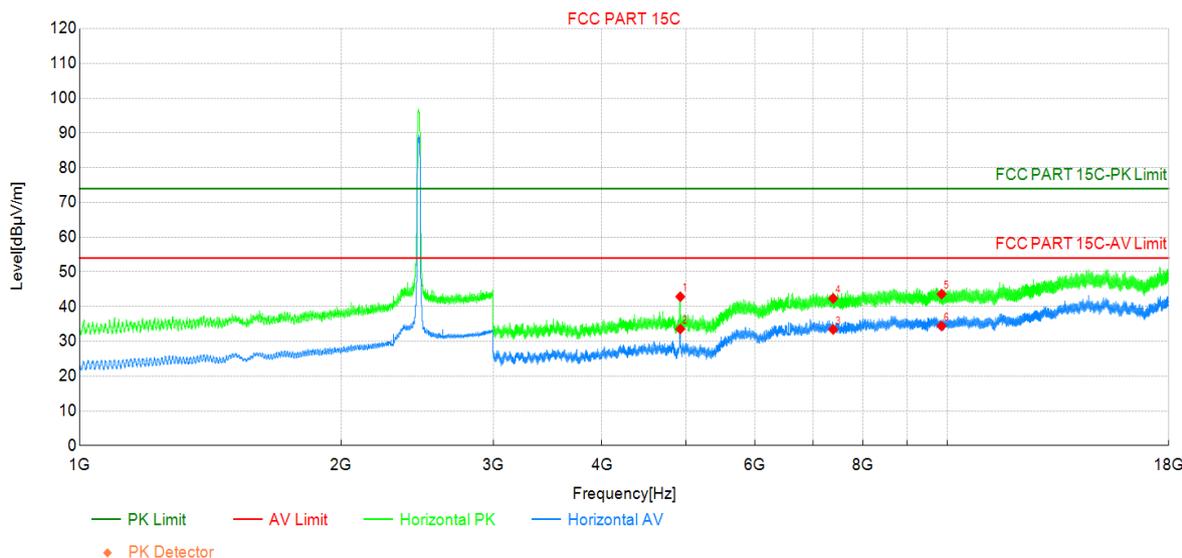
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	45.56	39.48	-6.08	74.00	34.52	PK	Vertic	PASS
2	4874.00	41.84	35.76	-6.08	54.00	18.24	AV	Vertic	PASS
3	7311.00	31.77	34.64	2.87	54.00	19.36	AV	Vertic	PASS
4	7311.00	40.18	43.05	2.87	74.00	30.95	PK	Vertic	PASS
5	9748.00	30.14	36.30	6.16	54.00	17.70	AV	Vertic	PASS
6	9748.00	37.79	43.95	6.16	74.00	30.05	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2462MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

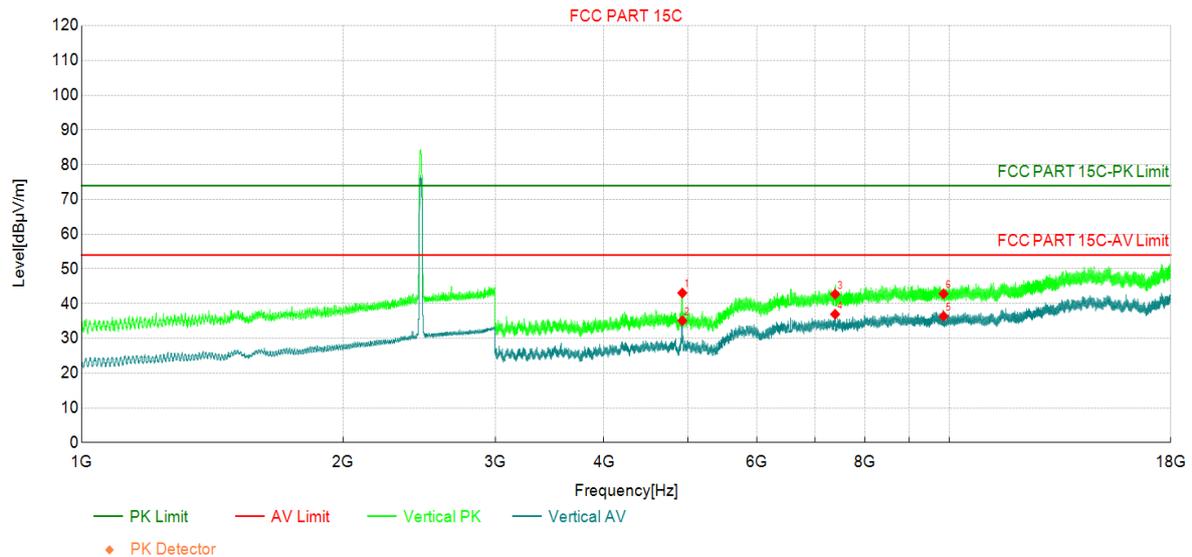
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	48.62	42.86	-5.76	74.00	31.14	PK	Horizo	PASS
2	4924.00	39.34	33.58	-5.76	54.00	20.42	AV	Horizo	PASS
3	7386.00	31.15	33.45	2.30	54.00	20.55	AV	Horizo	PASS
4	7386.00	40.07	42.37	2.30	74.00	31.63	PK	Horizo	PASS
5	9848.00	37.81	43.61	5.80	74.00	30.39	PK	Horizo	PASS
6	9848.00	28.65	34.45	5.80	54.00	19.55	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2462MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

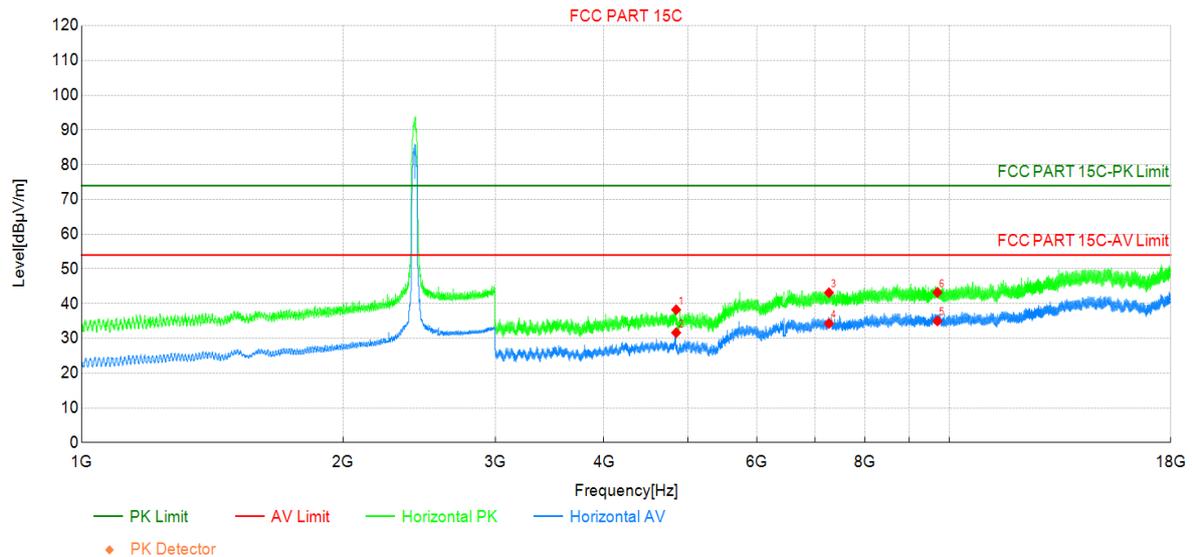
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	48.82	43.06	-5.76	74.00	30.94	PK	Vertic	PASS
2	4924.00	40.84	35.08	-5.76	54.00	18.92	AV	Vertic	PASS
3	7386.00	40.42	42.72	2.30	74.00	31.28	PK	Vertic	PASS
4	7386.00	34.65	36.95	2.30	54.00	17.05	AV	Vertic	PASS
5	9848.00	30.57	36.37	5.80	54.00	17.63	AV	Vertic	PASS
6	9848.00	37.05	42.85	5.80	74.00	31.15	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2422MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

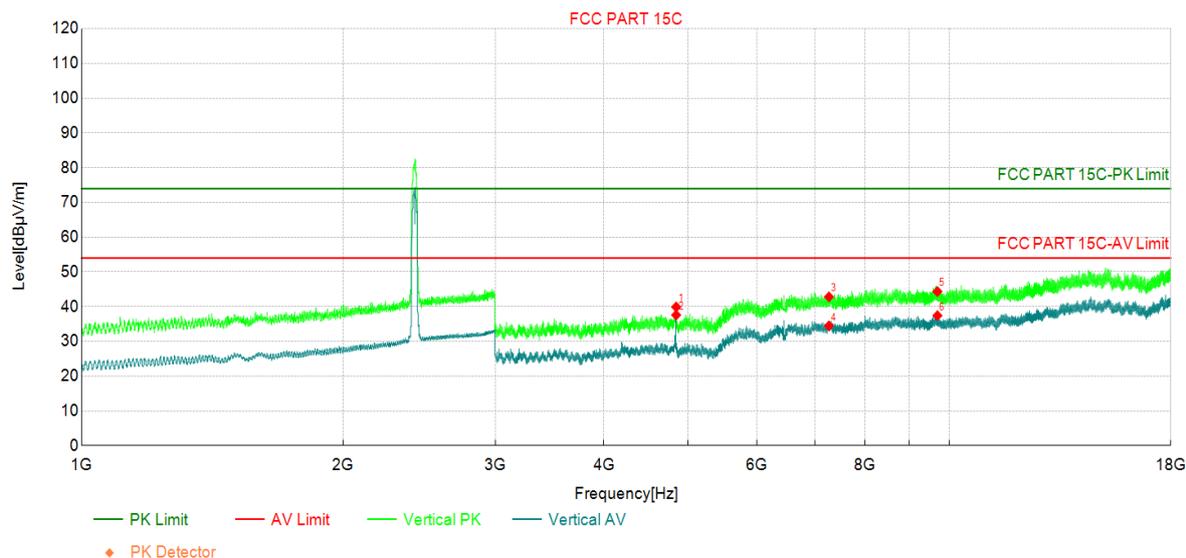
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	44.31	38.25	-6.06	74.00	35.75	PK	Horizo	PASS
2	4844.00	37.70	31.64	-6.06	54.00	22.36	AV	Horizo	PASS
3	7266.00	40.20	43.16	2.96	74.00	30.84	PK	Horizo	PASS
4	7266.00	31.35	34.31	2.96	54.00	19.69	AV	Horizo	PASS
5	9688.00	28.79	35.01	6.22	54.00	18.99	AV	Horizo	PASS
6	9688.00	37.00	43.22	6.22	74.00	30.78	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2422MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

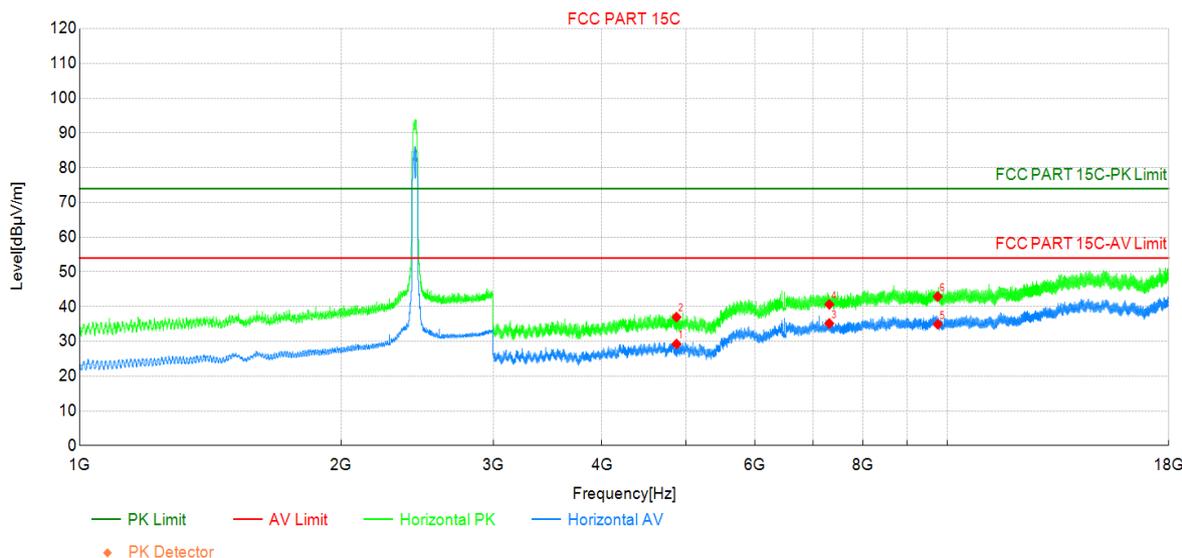
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	45.97	39.91	-6.06	74.00	34.09	PK	Vertic	PASS
2	4844.00	43.65	37.59	-6.06	54.00	16.41	AV	Vertic	PASS
3	7266.00	39.85	42.81	2.96	74.00	31.19	PK	Vertic	PASS
4	7266.00	31.51	34.47	2.96	54.00	19.53	AV	Vertic	PASS
5	9688.00	38.13	44.35	6.22	74.00	29.65	PK	Vertic	PASS
6	9688.00	31.20	37.42	6.22	54.00	16.58	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2437MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

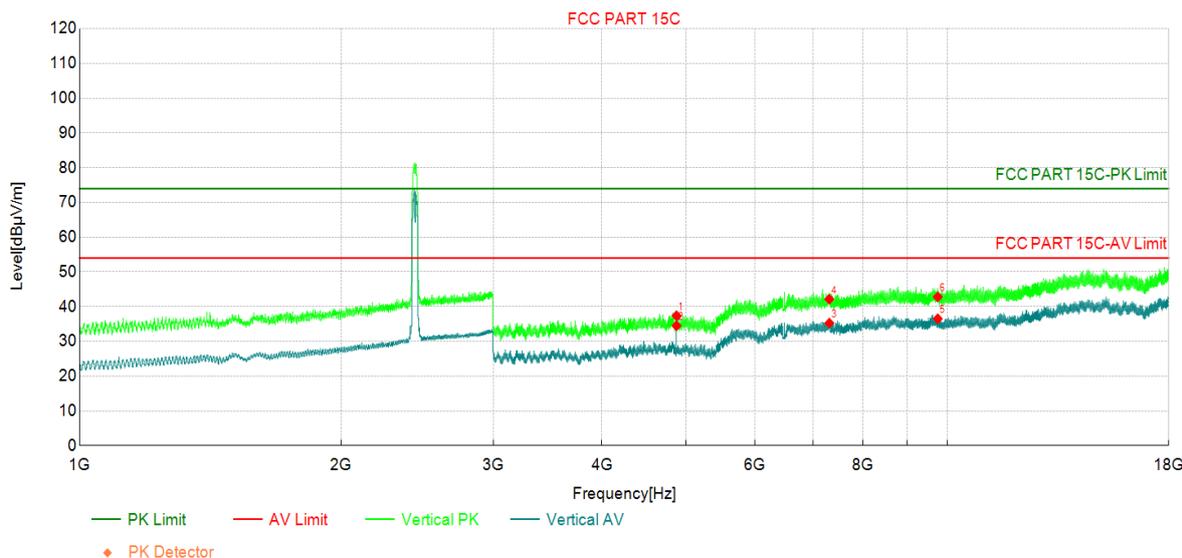
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	35.33	29.25	-6.08	54.00	24.75	AV	Horizo	PASS
2	4874.00	43.08	37.00	-6.08	74.00	37.00	PK	Horizo	PASS
3	7311.00	32.30	35.17	2.87	54.00	18.83	AV	Horizo	PASS
4	7311.00	37.78	40.65	2.87	74.00	33.35	PK	Horizo	PASS
5	9748.00	28.77	34.93	6.16	54.00	19.07	AV	Horizo	PASS
6	9748.00	36.75	42.91	6.16	74.00	31.09	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2437MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

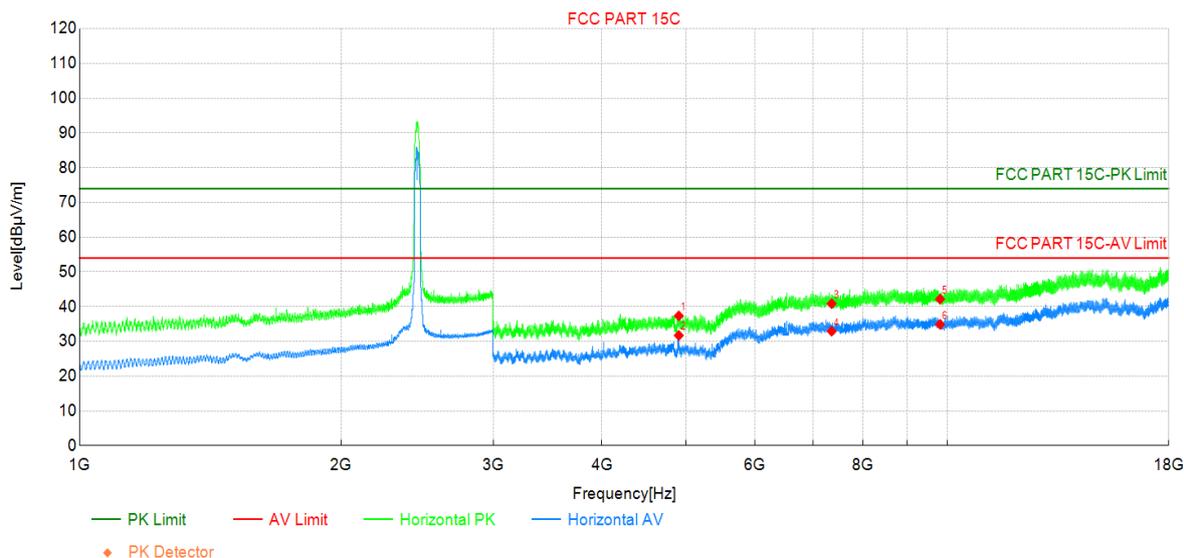
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	43.47	37.39	-6.08	74.00	36.61	PK	Vertic	PASS
2	4874.00	40.57	34.49	-6.08	54.00	19.51	AV	Vertic	PASS
3	7311.00	32.39	35.26	2.87	54.00	18.74	AV	Vertic	PASS
4	7311.00	39.28	42.15	2.87	74.00	31.85	PK	Vertic	PASS
5	9748.00	30.35	36.51	6.16	54.00	17.49	AV	Vertic	PASS
6	9748.00	36.65	42.81	6.16	74.00	31.19	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2452MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

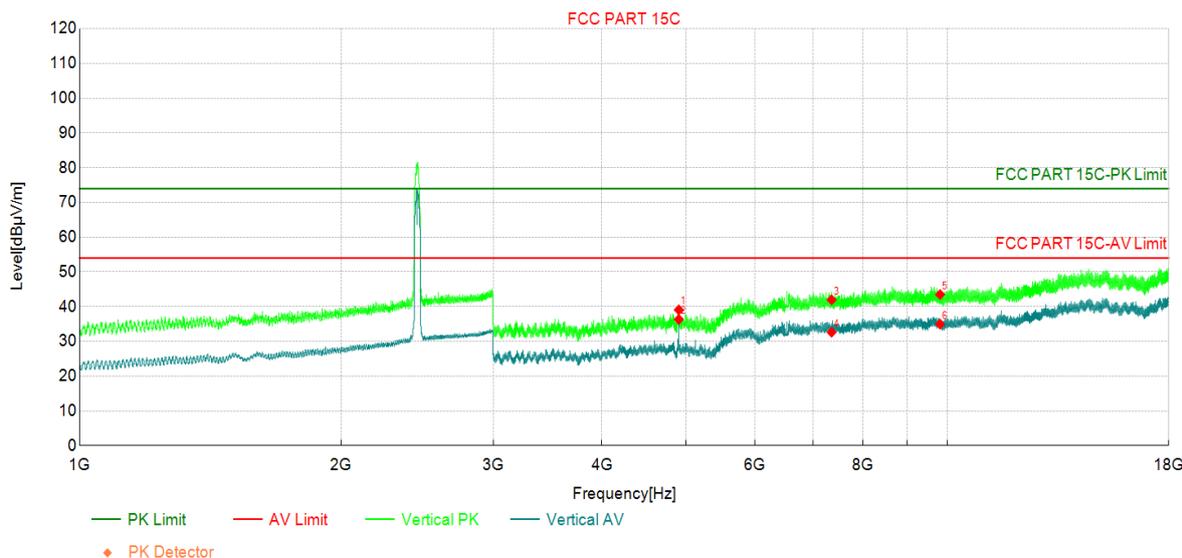
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	43.38	37.35	-6.03	74.00	36.65	PK	Horizo	PASS
2	4904.00	37.75	31.72	-6.03	54.00	22.28	AV	Horizo	PASS
3	7356.00	38.33	40.86	2.53	74.00	33.14	PK	Horizo	PASS
4	7356.00	30.40	32.93	2.53	54.00	21.07	AV	Horizo	PASS
5	9808.00	36.17	42.17	6.00	74.00	31.83	PK	Horizo	PASS
6	9808.00	28.90	34.90	6.00	54.00	19.10	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2452MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

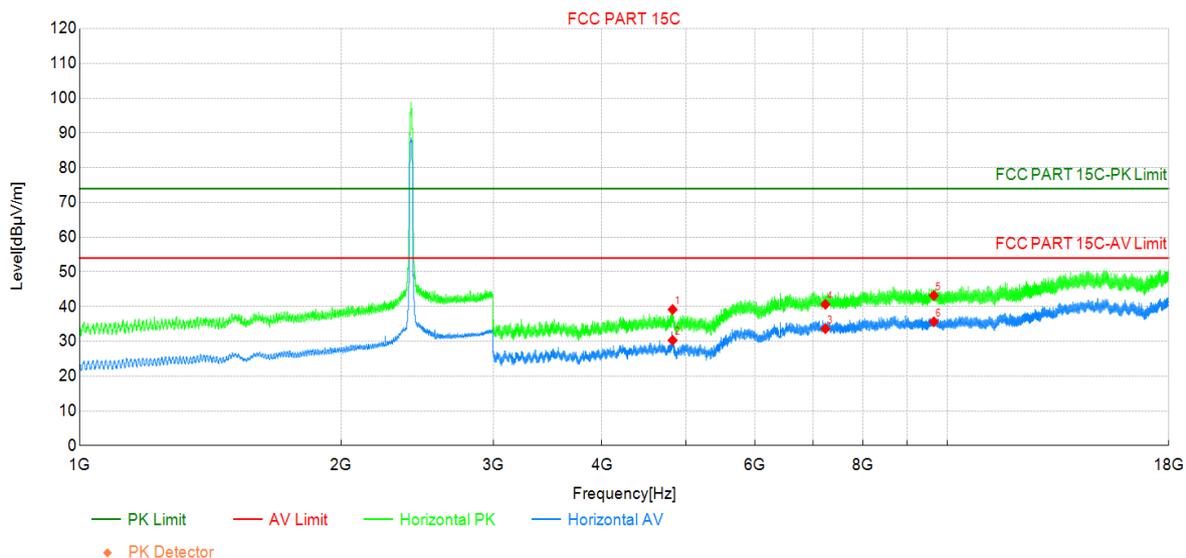
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	45.11	39.08	-6.03	74.00	34.92	PK	Vertic	PASS
2	4904.00	42.37	36.34	-6.03	54.00	17.66	AV	Vertic	PASS
3	7356.00	39.42	41.95	2.53	74.00	32.05	PK	Vertic	PASS
4	7356.00	30.10	32.63	2.53	54.00	21.37	AV	Vertic	PASS
5	9808.00	37.49	43.49	6.00	74.00	30.51	PK	Vertic	PASS
6	9808.00	28.97	34.97	6.00	54.00	19.03	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode5:Transmit at 2412MHz by 802.11ax(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

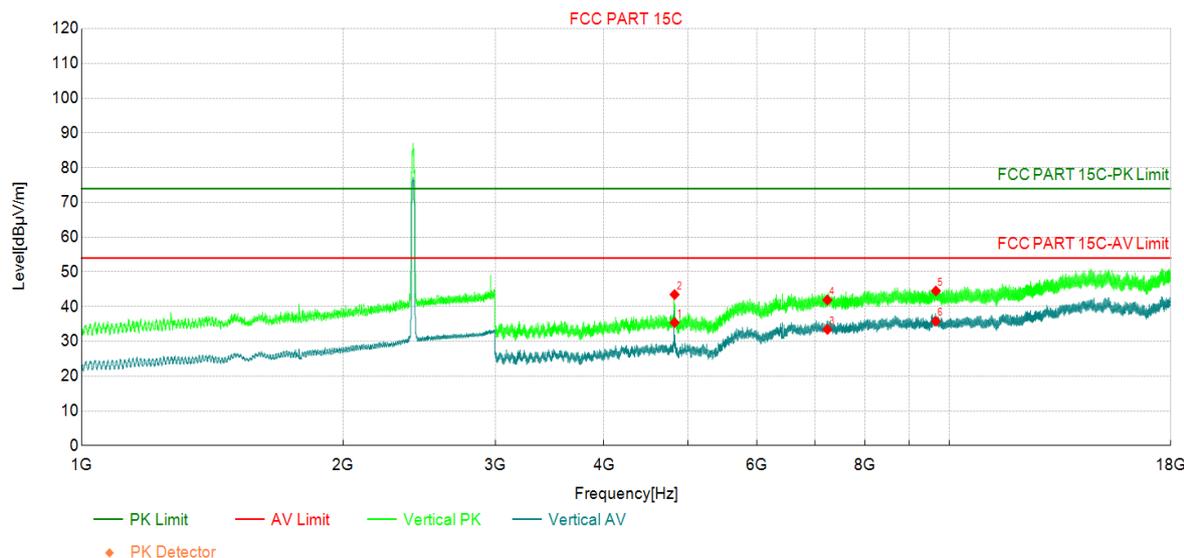
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	45.22	39.18	-6.04	74.00	34.82	PK	Horizo	PASS
2	4824.00	36.35	30.31	-6.04	54.00	23.69	AV	Horizo	PASS
3	7236.00	30.68	33.65	2.97	54.00	20.35	AV	Horizo	PASS
4	7236.00	37.68	40.65	2.97	74.00	33.35	PK	Horizo	PASS
5	9648.00	37.13	43.21	6.08	74.00	30.79	PK	Horizo	PASS
6	9648.00	29.57	35.65	6.08	54.00	18.35	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode5:Transmit at 2412MHz by 802.11ax(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

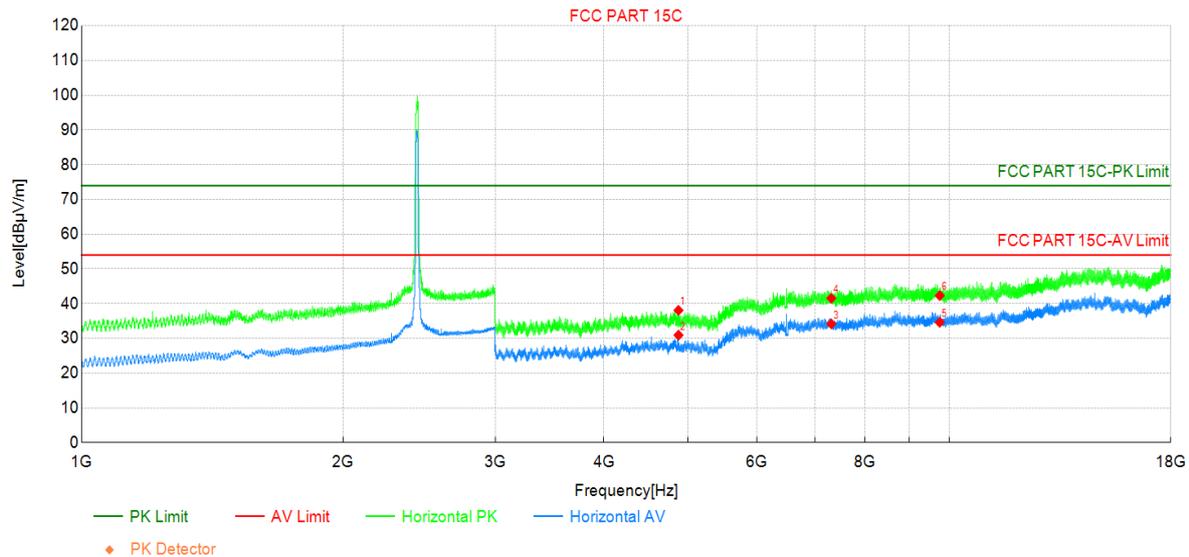
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1	4824.00	41.44	35.40	-6.04	54.00	18.60	AV	Vertic	PASS
2	4824.00	49.53	43.49	-6.04	74.00	30.51	PK	Vertic	PASS
3	7236.00	30.45	33.42	2.97	54.00	20.58	AV	Vertic	PASS
4	7236.00	38.93	41.90	2.97	74.00	32.10	PK	Vertic	PASS
5	9648.00	38.45	44.53	6.08	74.00	29.47	PK	Vertic	PASS
6	9648.00	29.71	35.79	6.08	54.00	18.21	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode5:Transmit at 2437MHz by 802.11ax(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

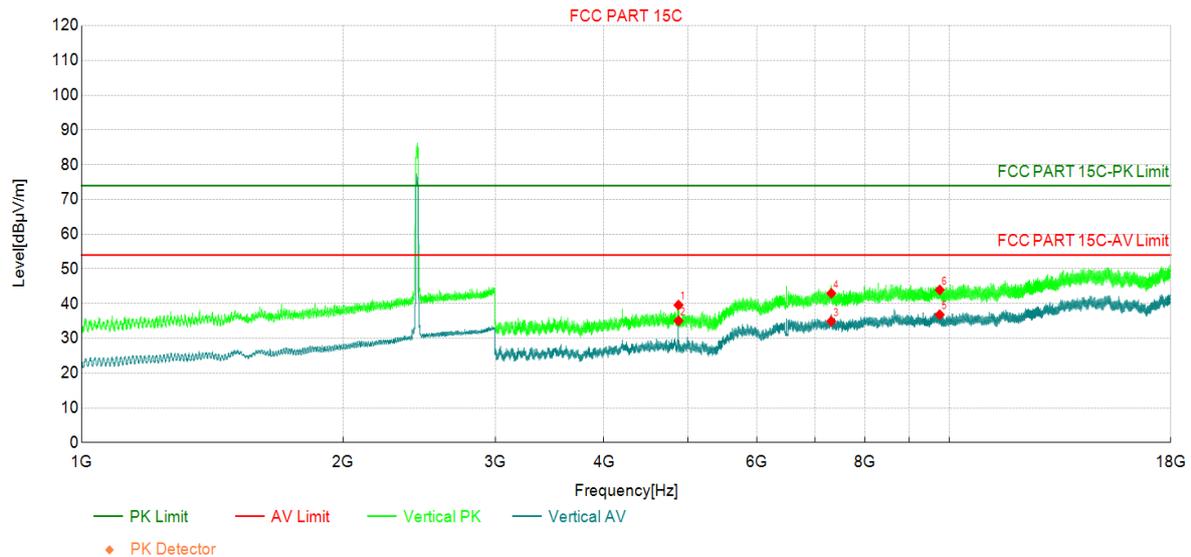
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1	4874.00	44.15	38.07	-6.08	74.00	35.93	PK	Horizo	PASS
2	4874.00	37.02	30.94	-6.08	54.00	23.06	AV	Horizo	PASS
3	7311.00	31.30	34.17	2.87	54.00	19.83	AV	Horizo	PASS
4	7311.00	38.69	41.56	2.87	74.00	32.44	PK	Horizo	PASS
5	9748.00	28.46	34.62	6.16	54.00	19.38	AV	Horizo	PASS
6	9748.00	36.16	42.32	6.16	74.00	31.68	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode5:Transmit at 2437MHz by 802.11ax(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

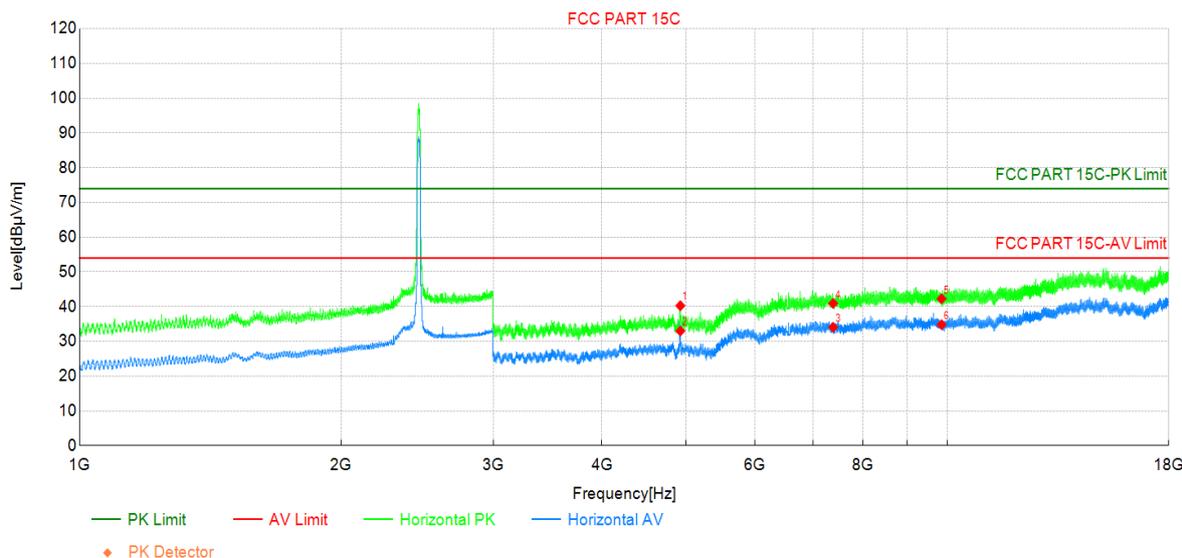
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	45.68	39.60	-6.08	74.00	34.40	PK	Vertic	PASS
2	4874.00	41.14	35.06	-6.08	54.00	18.94	AV	Vertic	PASS
3	7311.00	32.06	34.93	2.87	54.00	19.07	AV	Vertic	PASS
4	7311.00	40.11	42.98	2.87	74.00	31.02	PK	Vertic	PASS
5	9748.00	30.66	36.82	6.16	54.00	17.18	AV	Vertic	PASS
6	9748.00	37.78	43.94	6.16	74.00	30.06	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode5:Transmit at 2462MHz by 802.11ax(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

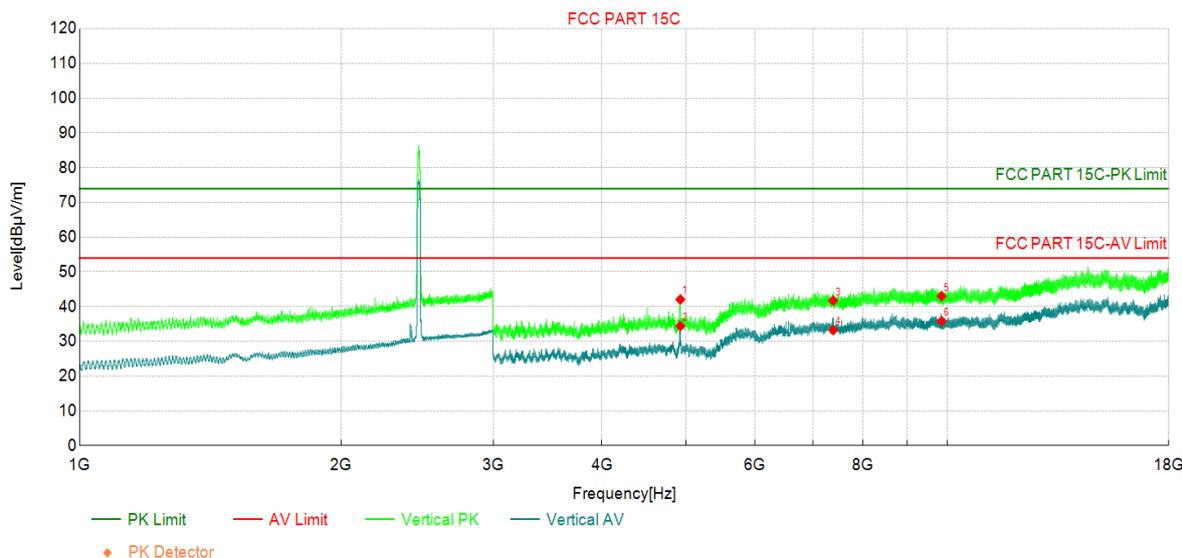
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1	4924.00	46.03	40.27	-5.76	74.00	33.73	PK	Horizo	PASS
2	4924.00	38.76	33.00	-5.76	54.00	21.00	AV	Horizo	PASS
3	7386.00	31.76	34.06	2.30	54.00	19.94	AV	Horizo	PASS
4	7386.00	38.63	40.93	2.30	74.00	33.07	PK	Horizo	PASS
5	9848.00	36.47	42.27	5.80	74.00	31.73	PK	Horizo	PASS
6	9848.00	29.02	34.82	5.80	54.00	19.18	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode5:Transmit at 2462MHz by 802.11ax(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

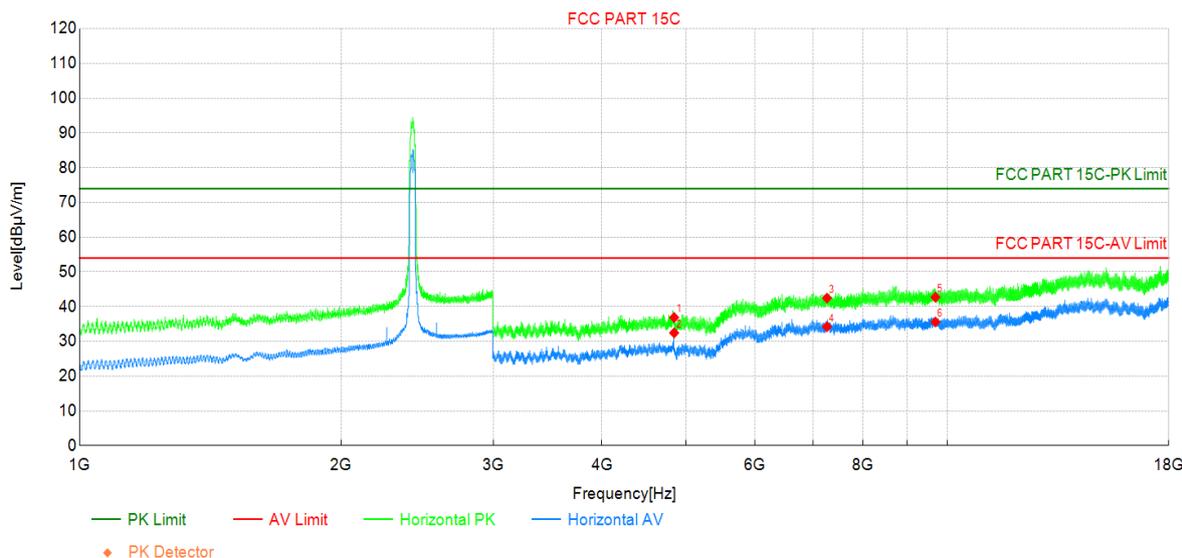
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	47.82	42.06	-5.76	74.00	31.94	PK	Vertic	PASS
2	4924.00	40.17	34.41	-5.76	54.00	19.59	AV	Vertic	PASS
3	7386.00	39.44	41.74	2.30	74.00	32.26	PK	Vertic	PASS
4	7386.00	30.96	33.26	2.30	54.00	20.74	AV	Vertic	PASS
5	9848.00	37.23	43.03	5.80	74.00	30.97	PK	Vertic	PASS
6	9848.00	30.02	35.82	5.80	54.00	18.18	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode6:Transmit at 2422MHz by 802.11ax(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

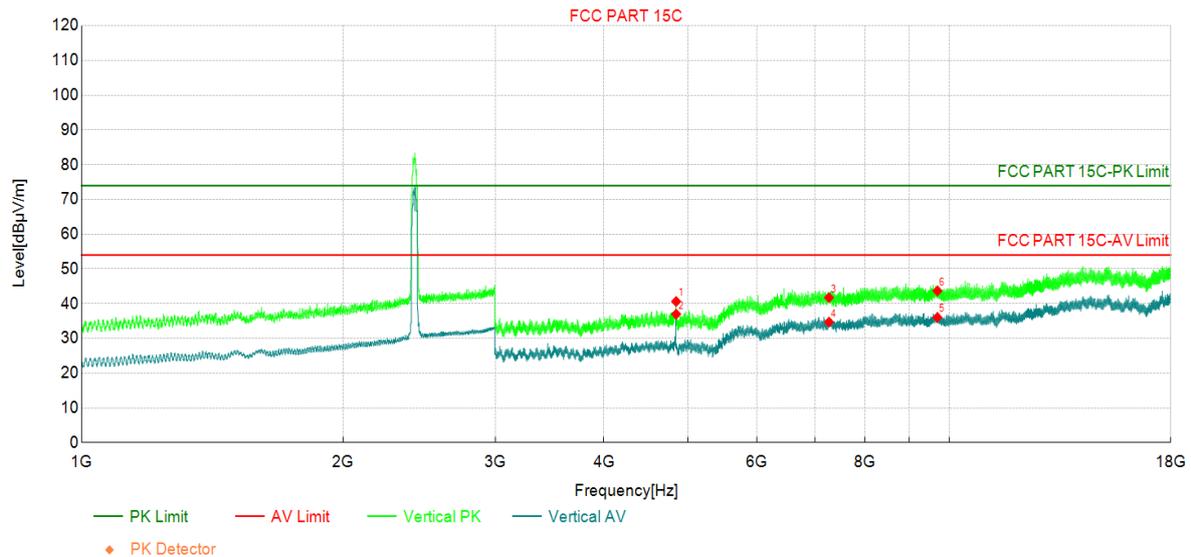
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	42.94	36.88	-6.06	74.00	37.12	PK	Horizo	PASS
2	4844.00	38.51	32.45	-6.06	54.00	21.55	AV	Horizo	PASS
3	7266.00	39.51	42.47	2.96	74.00	31.53	PK	Horizo	PASS
4	7266.00	31.26	34.22	2.96	54.00	19.78	AV	Horizo	PASS
5	9688.00	36.50	42.72	6.22	74.00	31.28	PK	Horizo	PASS
6	9688.00	29.37	35.59	6.22	54.00	18.41	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode6:Transmit at 2422MHz by 802.11ax(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

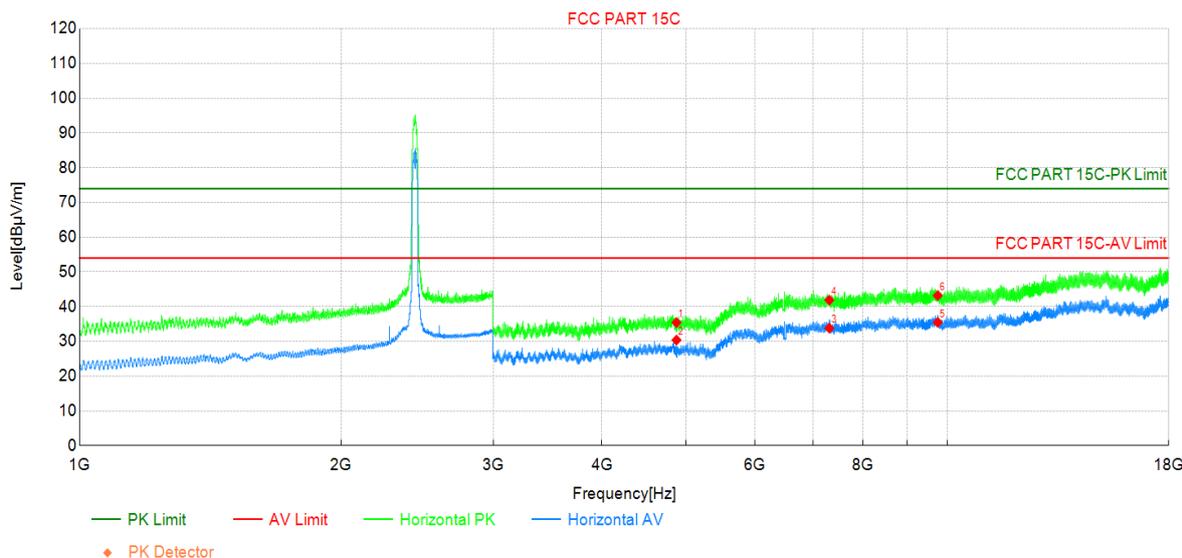
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	46.68	40.62	-6.06	74.00	33.38	PK	Vertic	PASS
2	4844.00	43.04	36.98	-6.06	54.00	17.02	AV	Vertic	PASS
3	7266.00	38.78	41.74	2.96	74.00	32.26	PK	Vertic	PASS
4	7266.00	31.74	34.70	2.96	54.00	19.30	AV	Vertic	PASS
5	9688.00	29.80	36.02	6.22	54.00	17.98	AV	Vertic	PASS
6	9688.00	37.47	43.69	6.22	74.00	30.31	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode6:Transmit at 2437MHz by 802.11ax(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

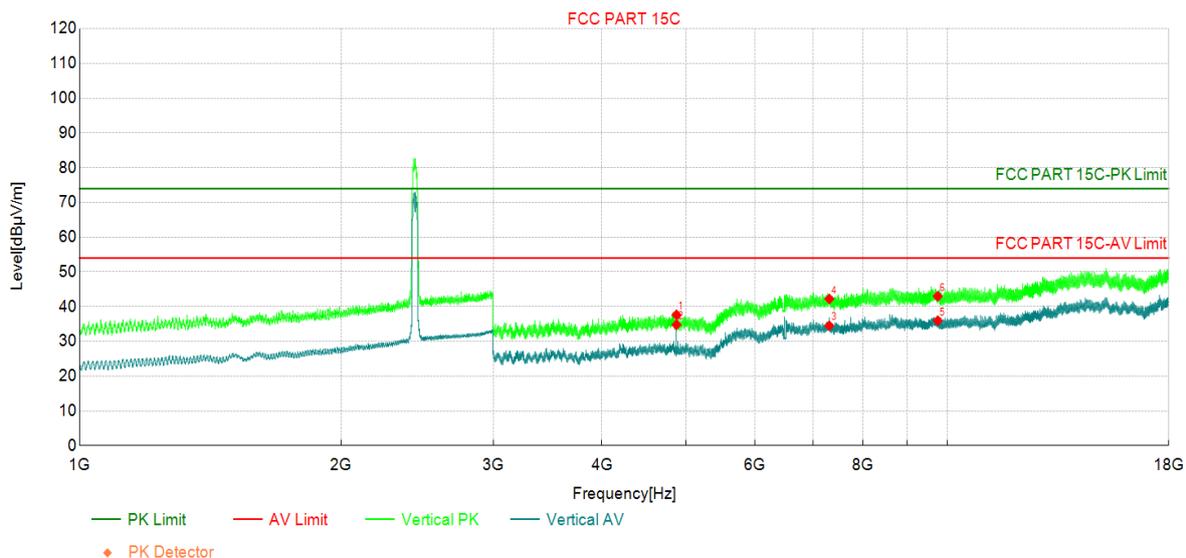
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	41.52	35.44	-6.08	74.00	38.56	PK	Horizo	PASS
2	4874.00	36.47	30.39	-6.08	54.00	23.61	AV	Horizo	PASS
3	7311.00	30.93	33.80	2.87	54.00	20.20	AV	Horizo	PASS
4	7311.00	39.01	41.88	2.87	74.00	32.12	PK	Horizo	PASS
5	9748.00	29.32	35.48	6.16	54.00	18.52	AV	Horizo	PASS
6	9748.00	37.03	43.19	6.16	74.00	30.81	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode6:Transmit at 2437MHz by 802.11ax(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

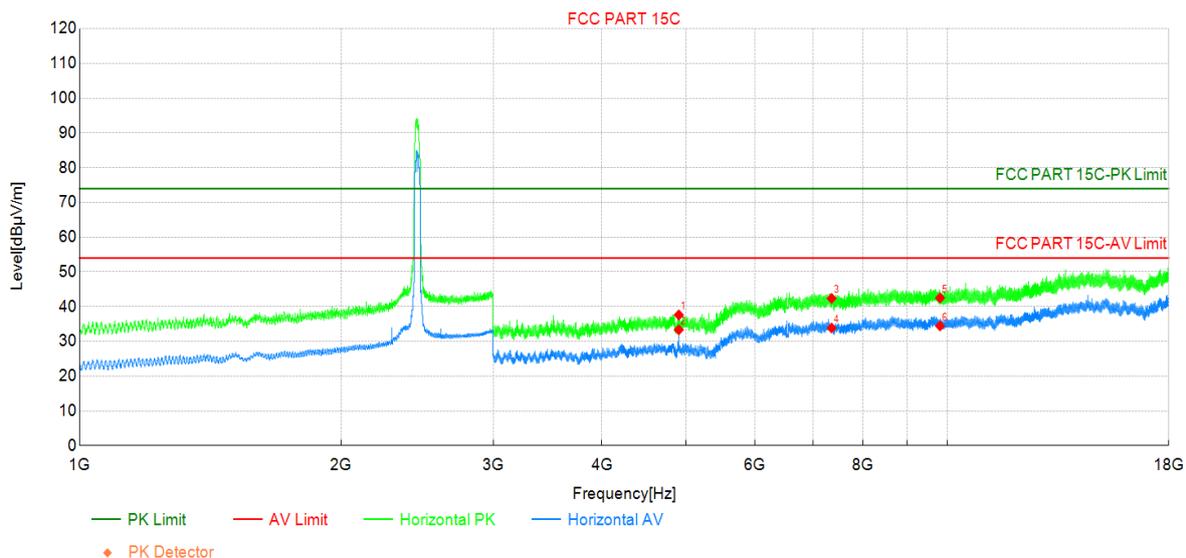
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	43.72	37.64	-6.08	74.00	36.36	PK	Vertic	PASS
2	4874.00	40.87	34.79	-6.08	54.00	19.21	AV	Vertic	PASS
3	7311.00	31.62	34.49	2.87	54.00	19.51	AV	Vertic	PASS
4	7311.00	39.35	42.22	2.87	74.00	31.78	PK	Vertic	PASS
5	9748.00	29.81	35.97	6.16	54.00	18.03	AV	Vertic	PASS
6	9748.00	36.83	42.99	6.16	74.00	31.01	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode6:Transmit at 2452MHz by 802.11ax(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

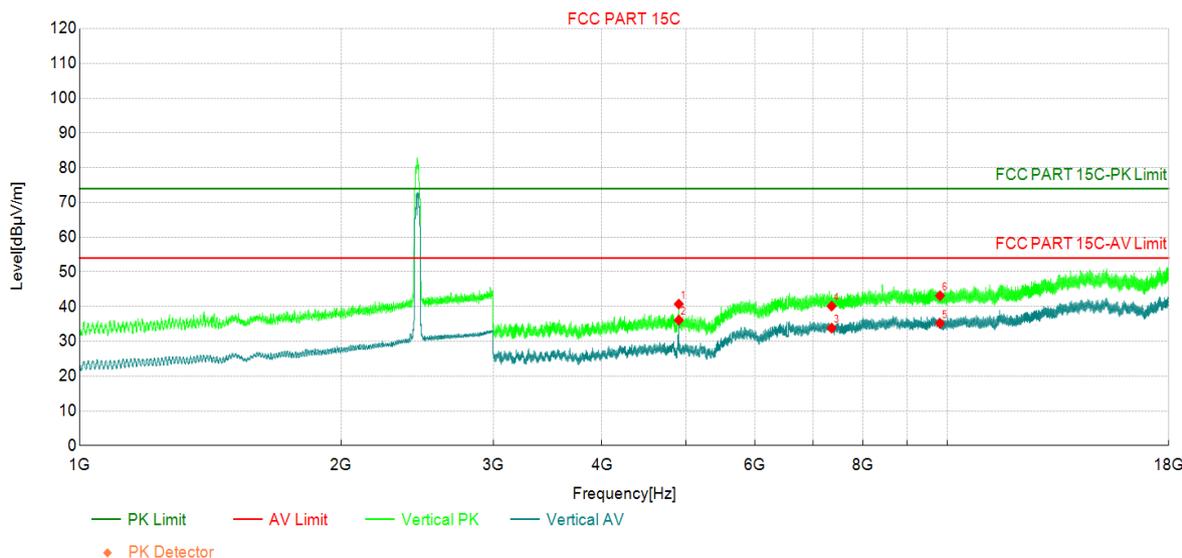
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	43.65	37.62	-6.03	74.00	36.38	PK	Horizo	PASS
2	4904.00	39.38	33.35	-6.03	54.00	20.65	AV	Horizo	PASS
3	7356.00	39.84	42.37	2.53	74.00	31.63	PK	Horizo	PASS
4	7356.00	31.33	33.86	2.53	54.00	20.14	AV	Horizo	PASS
5	9808.00	36.51	42.51	6.00	74.00	31.49	PK	Horizo	PASS
6	9808.00	28.44	34.44	6.00	54.00	19.56	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode6:Transmit at 2452MHz by 802.11ax(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

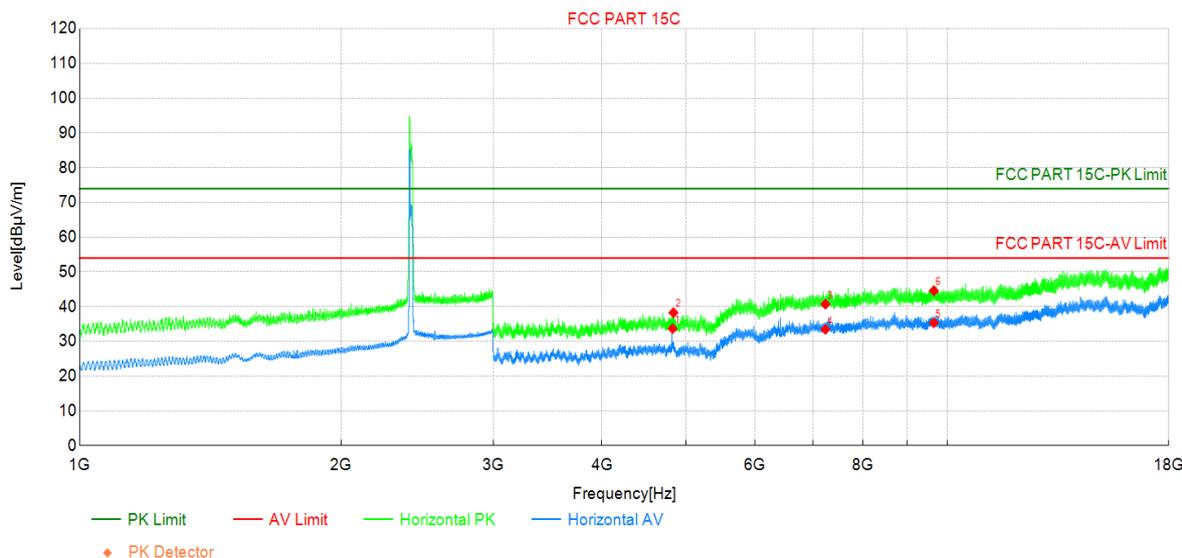
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	46.77	40.74	-6.03	74.00	33.26	PK	Vertic	PASS
2	4904.00	42.14	36.11	-6.03	54.00	17.89	AV	Vertic	PASS
3	7356.00	31.30	33.83	2.53	54.00	20.17	AV	Vertic	PASS
4	7356.00	37.62	40.15	2.53	74.00	33.85	PK	Vertic	PASS
5	9808.00	29.21	35.21	6.00	54.00	18.79	AV	Vertic	PASS
6	9808.00	37.15	43.15	6.00	74.00	30.85	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2412MHz by 802.11ax(20MHz)WithRU26-0	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

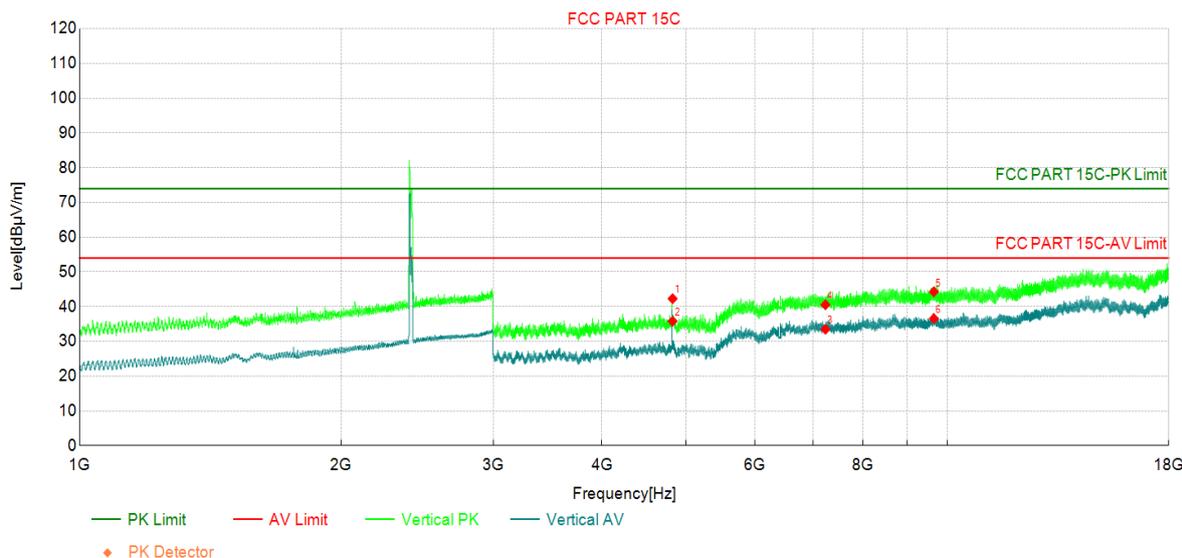
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.38	39.72	33.68	-6.04	54.00	20.32	AV	Horizo	PASS
2	4834.50	44.32	38.27	-6.05	74.00	35.73	PK	Horizo	PASS
3	7236.00	37.75	40.72	2.97	74.00	33.28	PK	Horizo	PASS
4	7236.00	30.50	33.47	2.97	54.00	20.53	AV	Horizo	PASS
5	9648.00	29.26	35.34	6.08	54.00	18.66	AV	Horizo	PASS
6	9648.00	38.49	44.57	6.08	74.00	29.43	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2412MHz by 802.11ax(20MHz)WithRU26-0	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

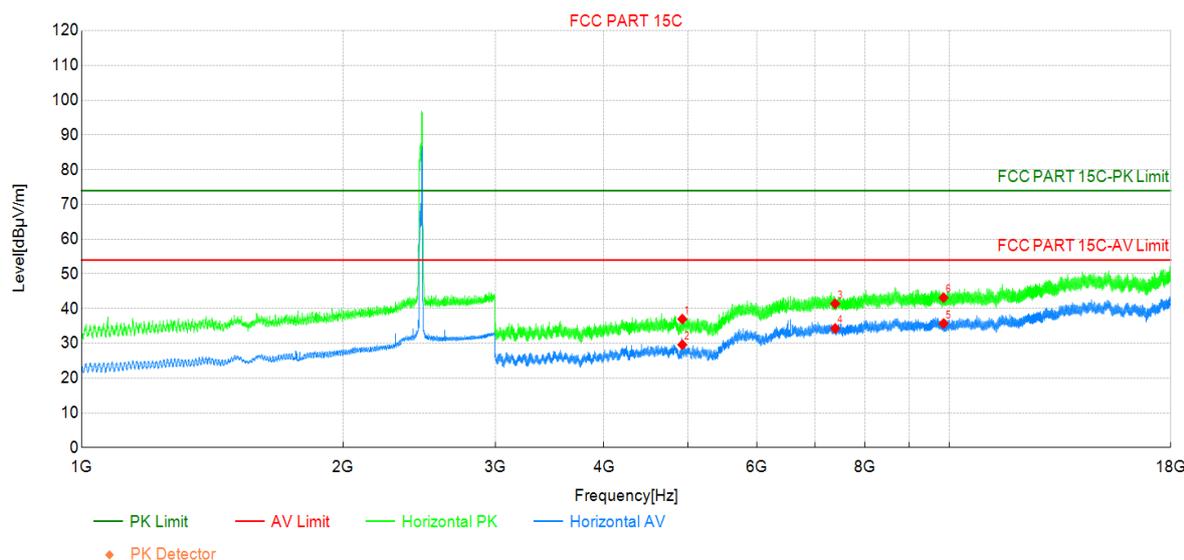
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	48.33	42.29	-6.04	74.00	31.71	PK	Vertic	PASS
2	4824.00	41.84	35.80	-6.04	54.00	18.20	AV	Vertic	PASS
3	7236.00	30.51	33.48	2.97	54.00	20.52	AV	Vertic	PASS
4	7236.00	37.56	40.53	2.97	74.00	33.47	PK	Vertic	PASS
5	9648.00	38.21	44.29	6.08	74.00	29.71	PK	Vertic	PASS
6	9648.00	30.48	36.56	6.08	54.00	17.44	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2462MHz by 802.11ax(20MHz)WithRU26-8	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

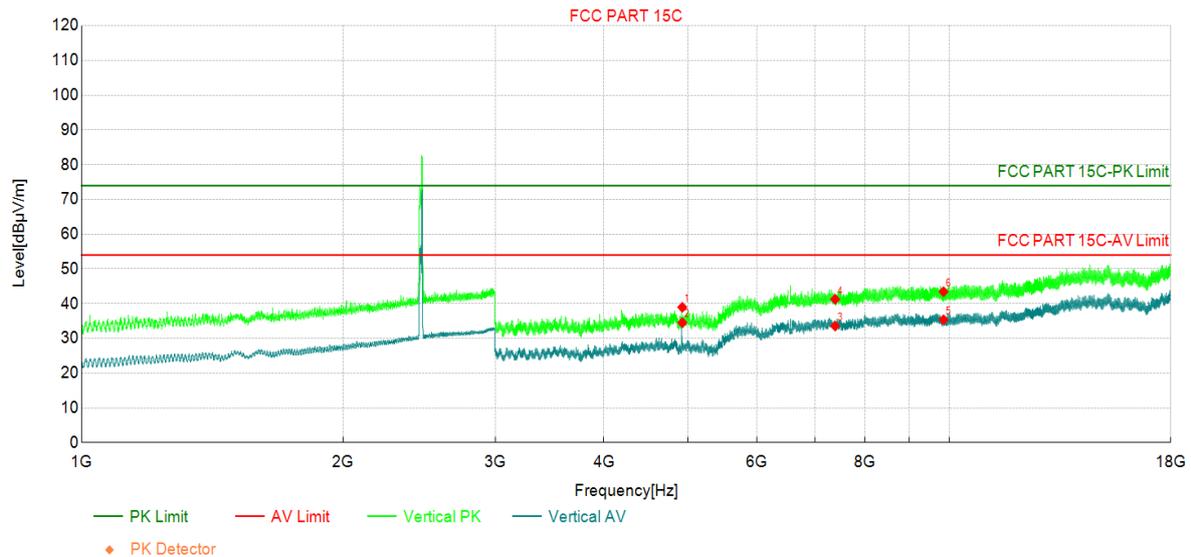
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	42.75	36.99	-5.76	74.00	37.01	PK	Horizo	PASS
2	4924.00	35.38	29.62	-5.76	54.00	24.38	AV	Horizo	PASS
3	7386.00	39.12	41.42	2.30	74.00	32.58	PK	Horizo	PASS
4	7386.00	32.00	34.30	2.30	54.00	19.70	AV	Horizo	PASS
5	9848.00	29.93	35.73	5.80	54.00	18.27	AV	Horizo	PASS
6	9848.00	37.35	43.15	5.80	74.00	30.85	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2462MHz by 802.11ax(20MHz)WithRU26-8	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

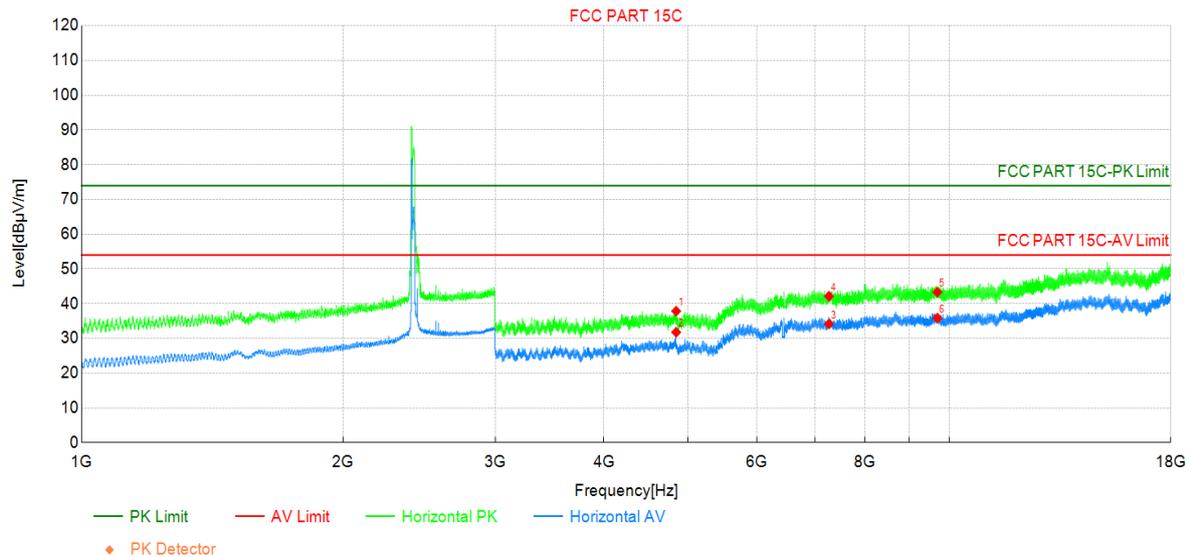
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	44.72	38.96	-5.76	74.00	35.04	PK	Vertic	PASS
2	4924.00	40.27	34.51	-5.76	54.00	19.49	AV	Vertic	PASS
3	7386.00	31.26	33.56	2.30	54.00	20.44	AV	Vertic	PASS
4	7386.00	38.96	41.26	2.30	74.00	32.74	PK	Vertic	PASS
5	9848.00	29.57	35.37	5.80	54.00	18.63	AV	Vertic	PASS
6	9848.00	37.64	43.44	5.80	74.00	30.56	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2422MHz by 802.11ax(20MHz)WithRU26-0	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

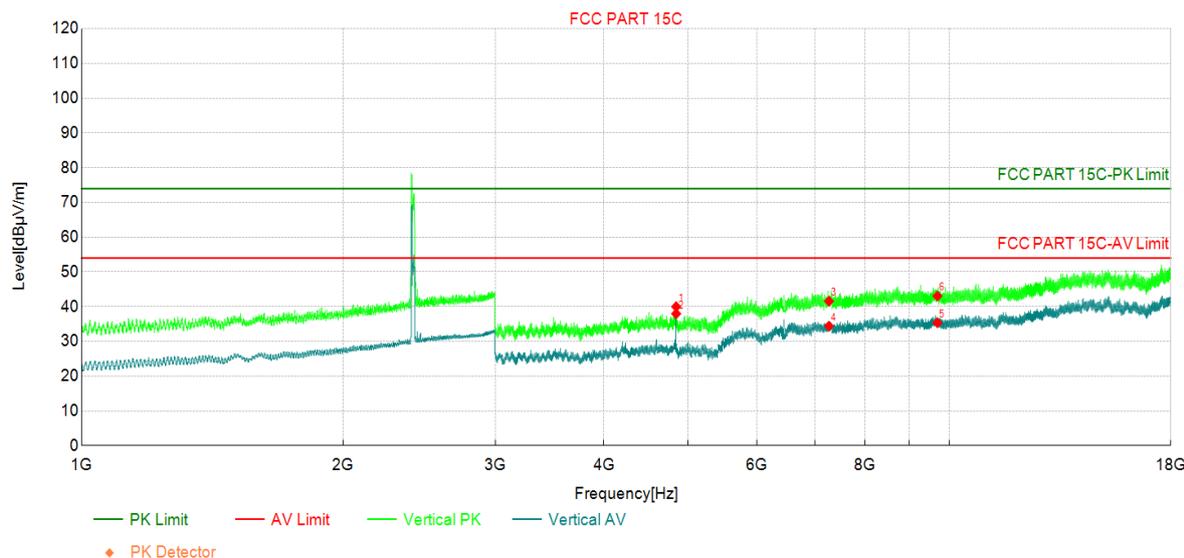
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	43.90	37.84	-6.06	74.00	36.16	PK	Horizo	PASS
2	4844.00	37.84	31.78	-6.06	54.00	22.22	AV	Horizo	PASS
3	7266.00	31.21	34.17	2.96	54.00	19.83	AV	Horizo	PASS
4	7266.00	39.18	42.14	2.96	74.00	31.86	PK	Horizo	PASS
5	9688.00	37.07	43.29	6.22	74.00	30.71	PK	Horizo	PASS
6	9688.00	29.62	35.84	6.22	54.00	18.16	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2422MHz by 802.11ax(20MHz)WithRU26-0	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

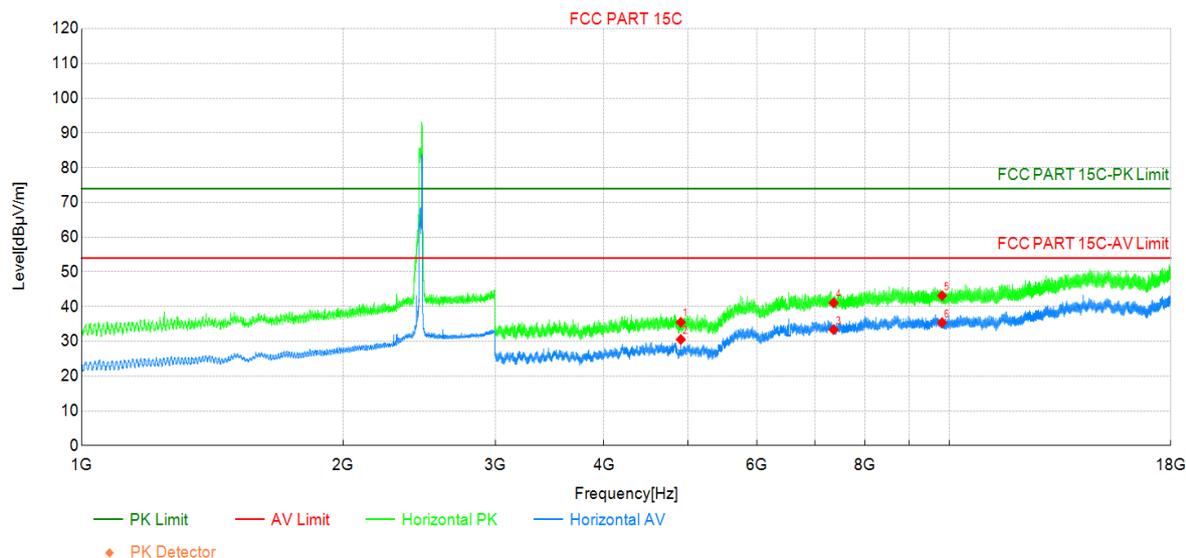
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.00	46.06	40.00	-6.06	74.00	34.00	PK	Vertic	PASS
2	4844.00	44.02	37.96	-6.06	54.00	16.54	AV	Vertic	PASS
3	7266.00	38.63	41.59	2.96	74.00	32.41	PK	Vertic	PASS
4	7266.00	31.42	34.38	2.96	54.00	19.62	AV	Vertic	PASS
5	9688.00	29.14	35.36	6.22	54.00	18.64	AV	Vertic	PASS
6	9688.00	36.83	43.05	6.22	74.00	30.95	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2452MHz by 802.11ax(20MHz)WithRU26-17	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

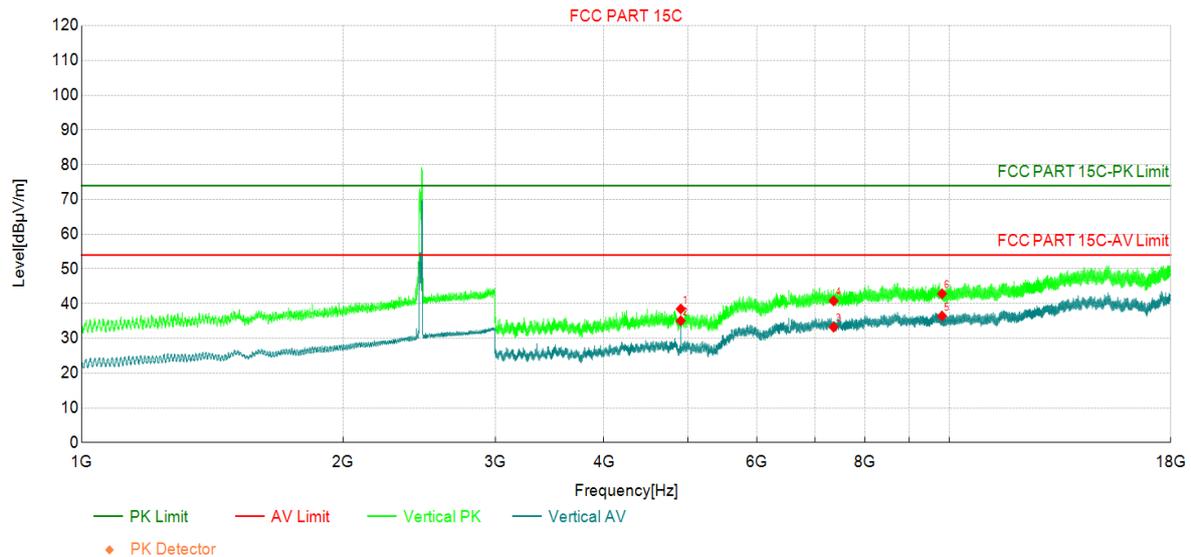
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	41.52	35.49	-6.03	74.00	38.51	PK	Horizo	PASS
2	4904.00	36.58	30.55	-6.03	54.00	23.45	AV	Horizo	PASS
3	7356.00	30.85	33.38	2.53	54.00	20.62	AV	Horizo	PASS
4	7356.00	38.55	41.08	2.53	74.00	32.92	PK	Horizo	PASS
5	9808.00	37.16	43.16	6.00	74.00	30.84	PK	Horizo	PASS
6	9808.00	29.42	35.42	6.00	54.00	18.58	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2452MHz by 802.11ax(20MHz)WithRU26-17	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

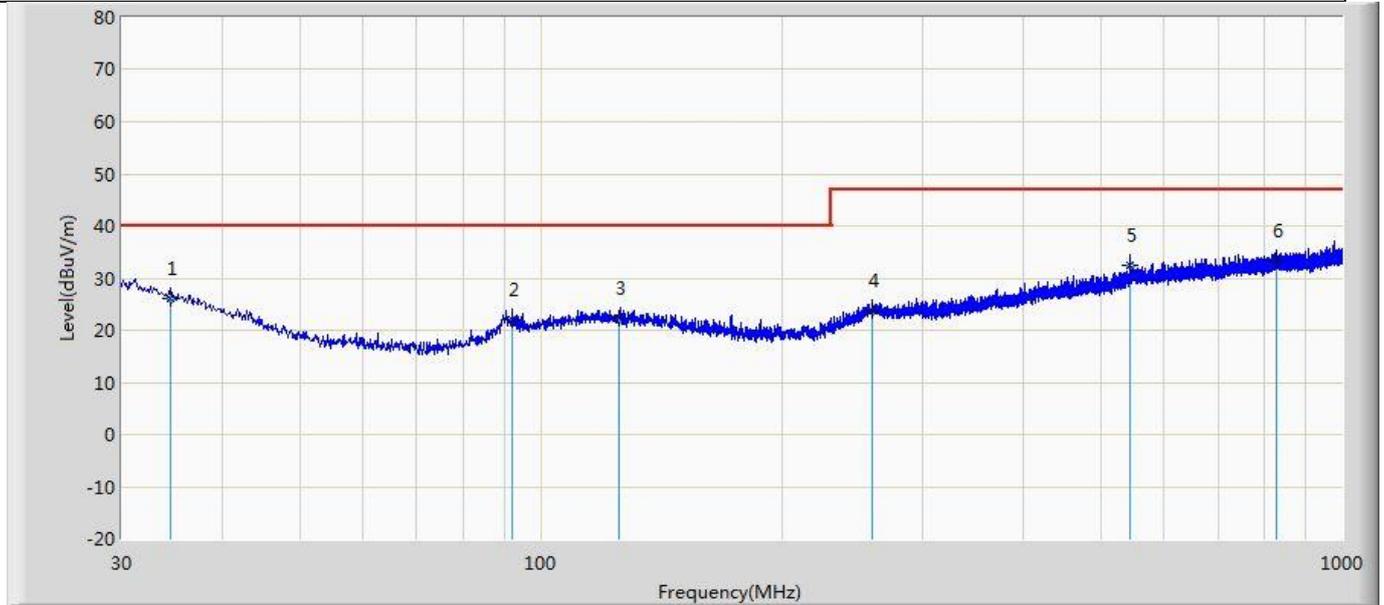
Test Graph



Suspected Data List

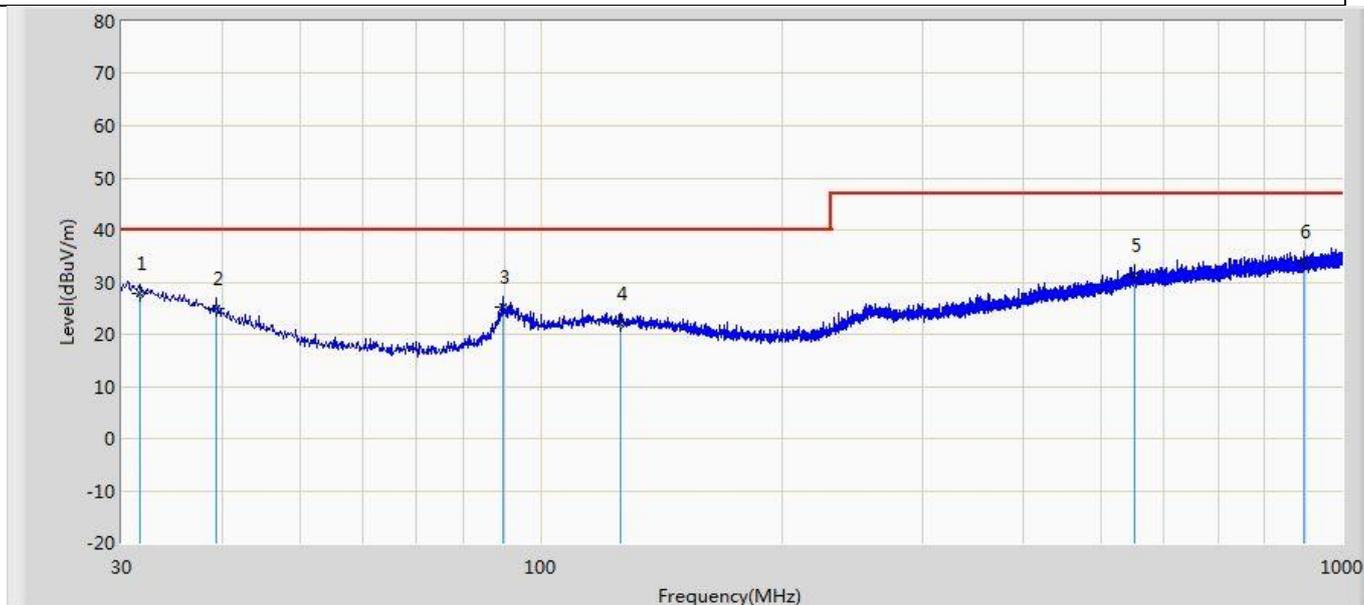
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4904.00	44.51	38.48	-6.03	74.00	35.52	PK	Vertic	PASS
2	4904.00	41.09	35.06	-6.03	54.00	18.94	AV	Vertic	PASS
3	7356.00	30.70	33.23	2.53	54.00	20.77	AV	Vertic	PASS
4	7356.00	38.26	40.79	2.53	74.00	33.21	PK	Vertic	PASS
5	9808.00	30.44	36.44	6.00	54.00	17.56	AV	Vertic	PASS
6	9808.00	36.86	42.86	6.00	74.00	31.14	PK	Vertic	PASS

Profile: 2521079R	Page No.: 1
Engineer: Yuliu	
Site: AC2	Time: 2025/03/31
Limit: EN 55032_RE (3m)_Class B	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)	Polarity: Horizontal
EUT: AI Dev Kit	Power: DC 5 Vdc
Note: Transmit at	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		34.696	26.268	3.241	-13.732	40.000	23.027	QP
2		92.471	22.439	5.958	-17.561	40.000	16.481	QP
3		125.270	22.733	3.627	-17.267	40.000	19.106	QP
4		259.857	23.968	2.699	-23.032	47.000	21.269	QP
5		544.320	32.622	5.424	-14.378	47.000	27.198	QP
6	*	829.773	33.552	3.723	-13.448	47.000	29.829	QP

Profile: 2521079R	Page No.: 2
Engineer: Yuliu	
Site: AC2	Time: 2025/03/31
Limit: EN 55032_RE (3m)_Class B	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)	Polarity: Vertical
EUT: AI Dev Kit	Power: DC 5 Vdc
Note: Transmit at	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	31.826	27.914	3.479	-12.086	40.000	24.435	QP
2		39.536	25.100	4.728	-14.900	40.000	20.372	QP
3		89.865	25.505	9.514	-14.495	40.000	15.991	QP
4		126.129	22.294	3.225	-17.706	40.000	19.069	QP
5		551.645	31.552	4.038	-15.448	47.000	27.514	QP
6		894.763	34.118	4.362	-12.882	47.000	29.756	QP

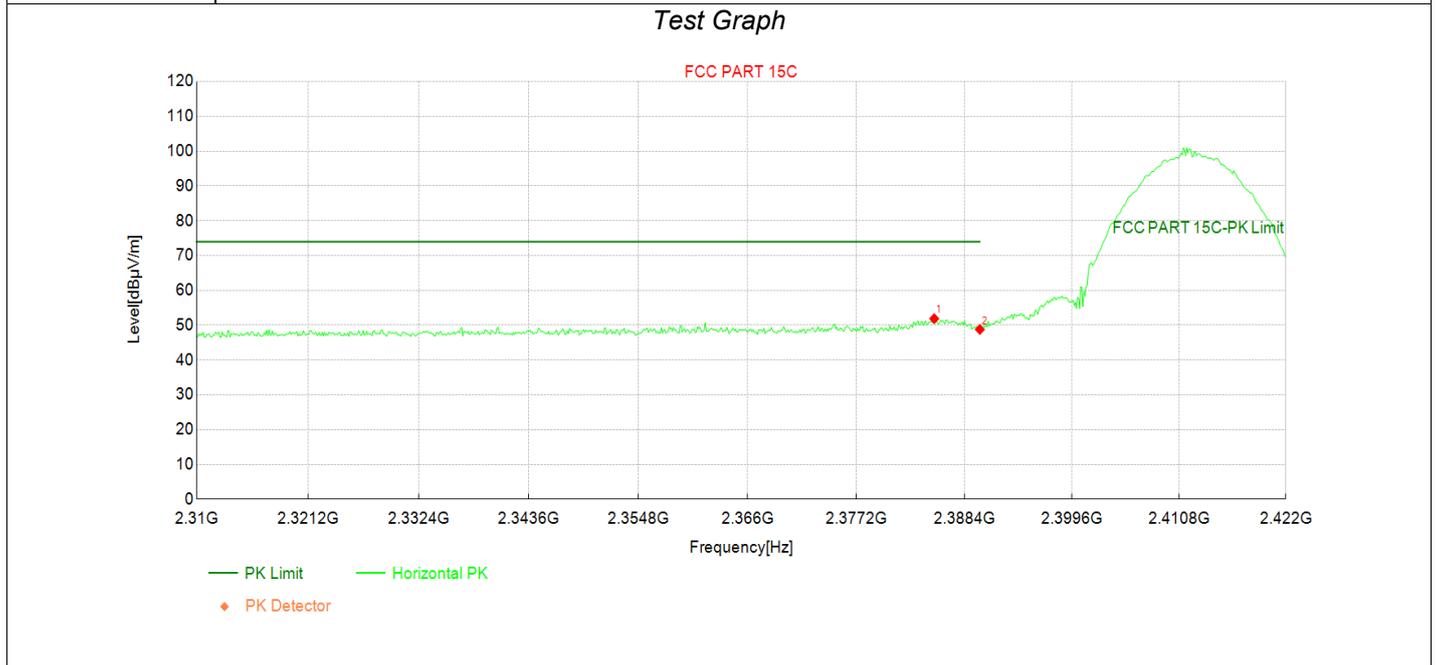
Note:

1. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)
2. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
3. If the test result on peak is lower than average limit, then average measurement needn't be performed.
4. All test data above 18GHz are noise base, so no data shown in this report.
5. In the report, below 1G, only the verification test is carried out for the worst channel of 1~18G worst mode.
6. The below 1G test data was measured on the worst-case configuration selected from each transmission mode on the low and high channel.

Appendix C: Band edge measurements

Test Report

Project Information			
Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		



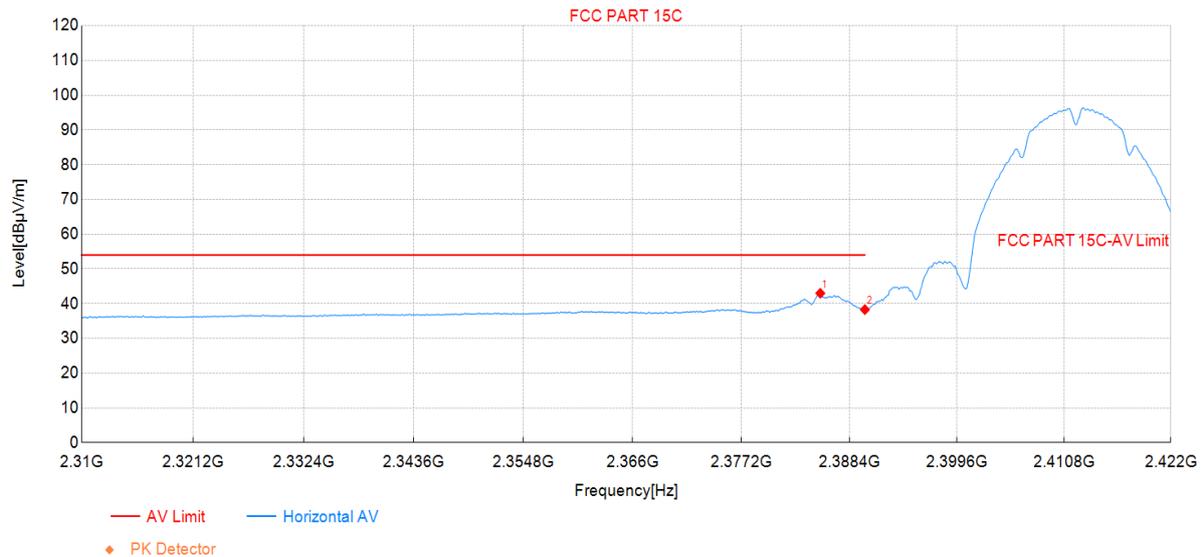
Suspected Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2385.26	48.24	51.87	3.63	74.00	22.13	PK	Horizo	PASS
2	2390.00	45.12	48.77	3.65	74.00	25.23	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

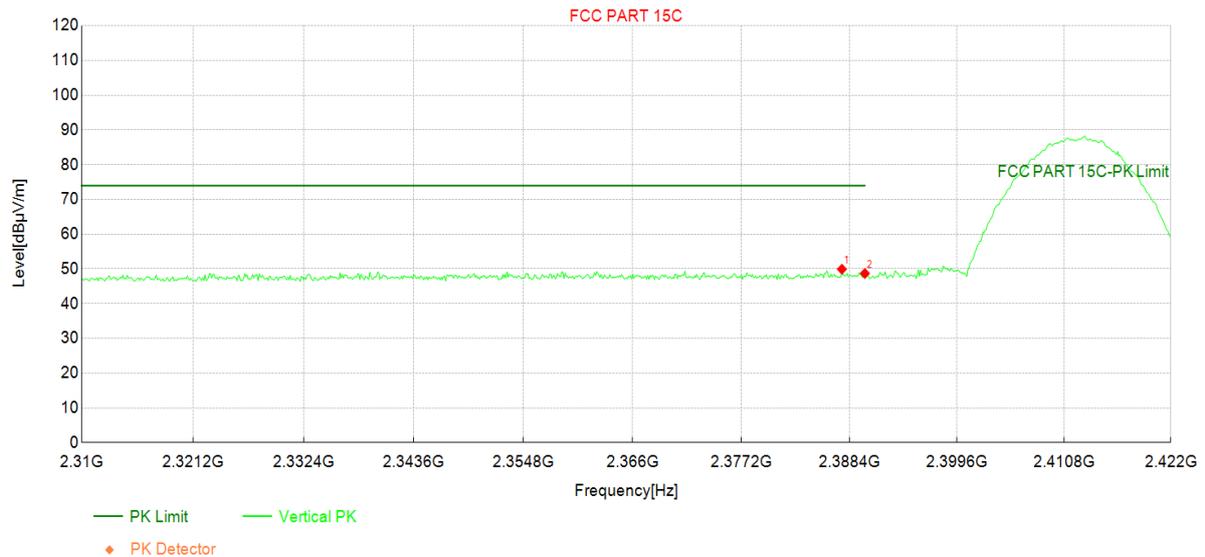
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2385.38	39.36	42.99	3.63	54.00	11.01	AV	Horizo	PASS
2	2390.00	34.63	38.28	3.65	54.00	15.72	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

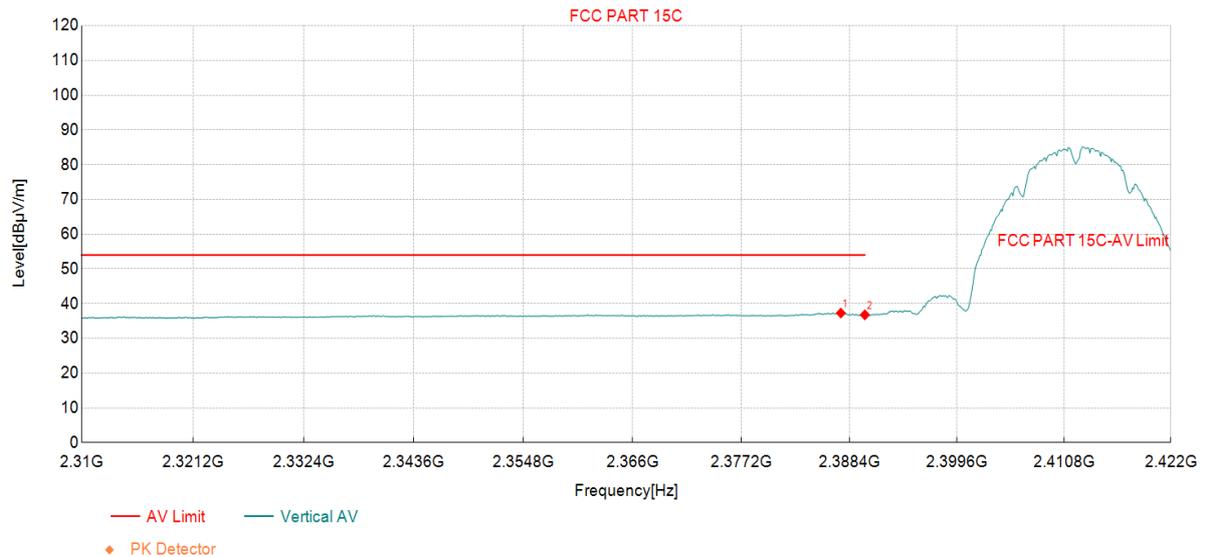
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.62	46.29	49.92	3.63	74.00	24.08	PK	Vertic	PASS
2	2390.00	45.04	48.69	3.65	74.00	25.31	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

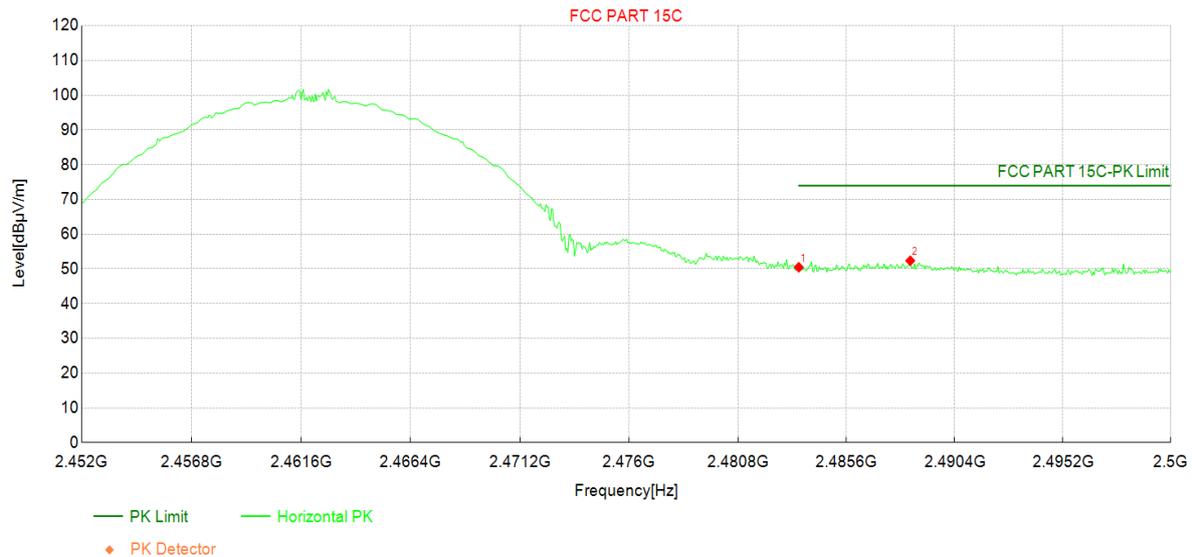
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.50	33.66	37.29	3.63	54.00	16.71	AV	Vertic	PASS
2	2390.00	33.12	36.77	3.65	54.00	17.23	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2462MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

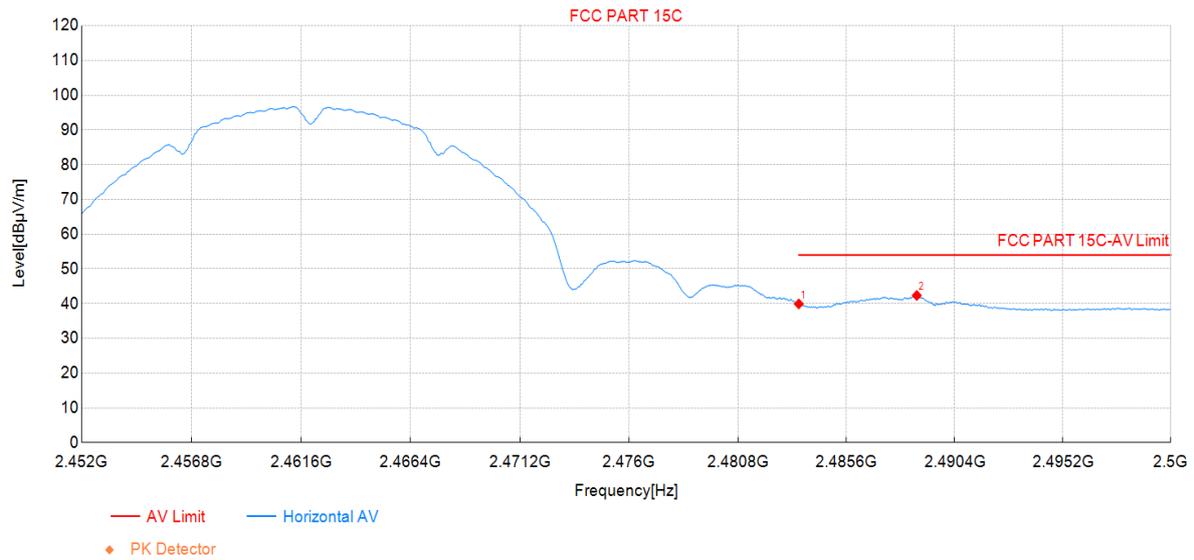
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	46.38	50.47	4.09	74.00	23.53	PK	Horizo	PASS
2	2488.43	48.23	52.35	4.12	74.00	21.65	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2462MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

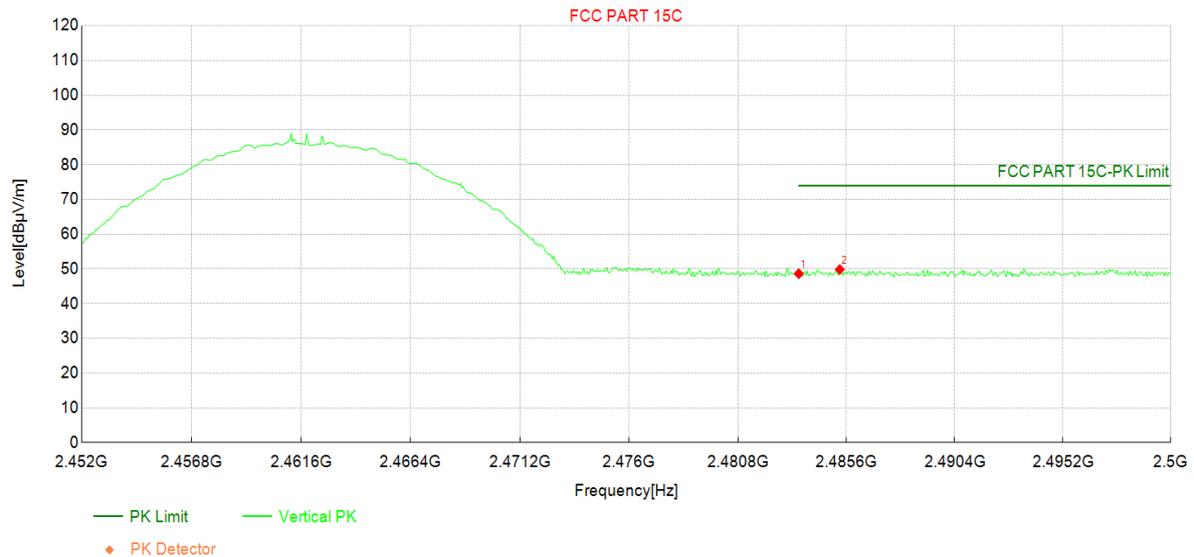
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	35.84	39.93	4.09	54.00	14.07	AV	Horizo	PASS
2	2488.72	38.24	42.36	4.12	54.00	11.64	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2462MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

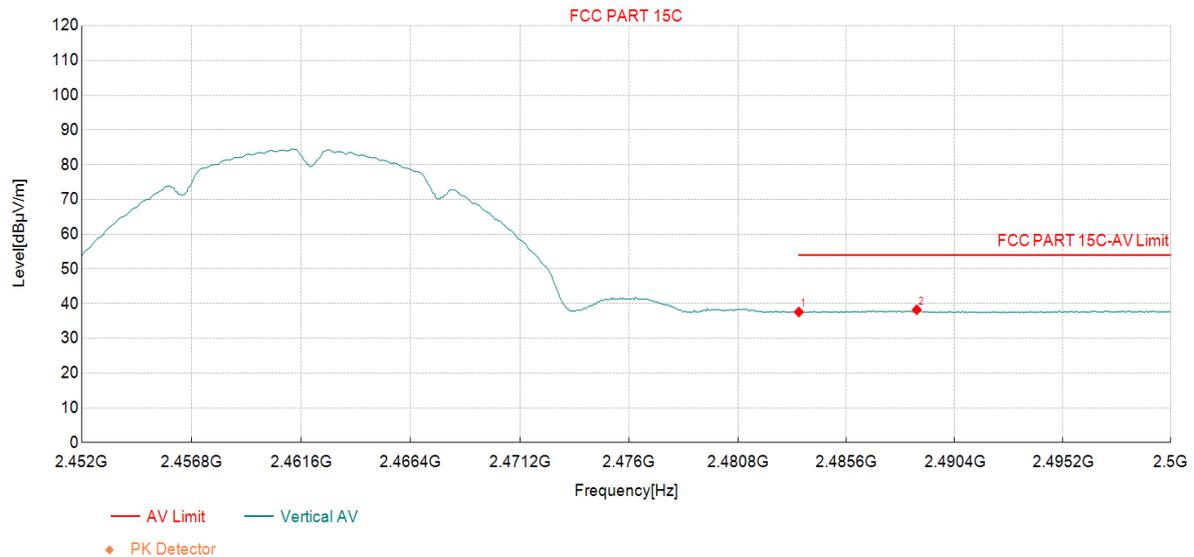
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.53	48.62	4.09	74.00	25.38	PK	Vertic	PASS
2	2485.31	45.72	49.83	4.11	74.00	24.17	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode1:Transmit at 2462MHz by 802.11b	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

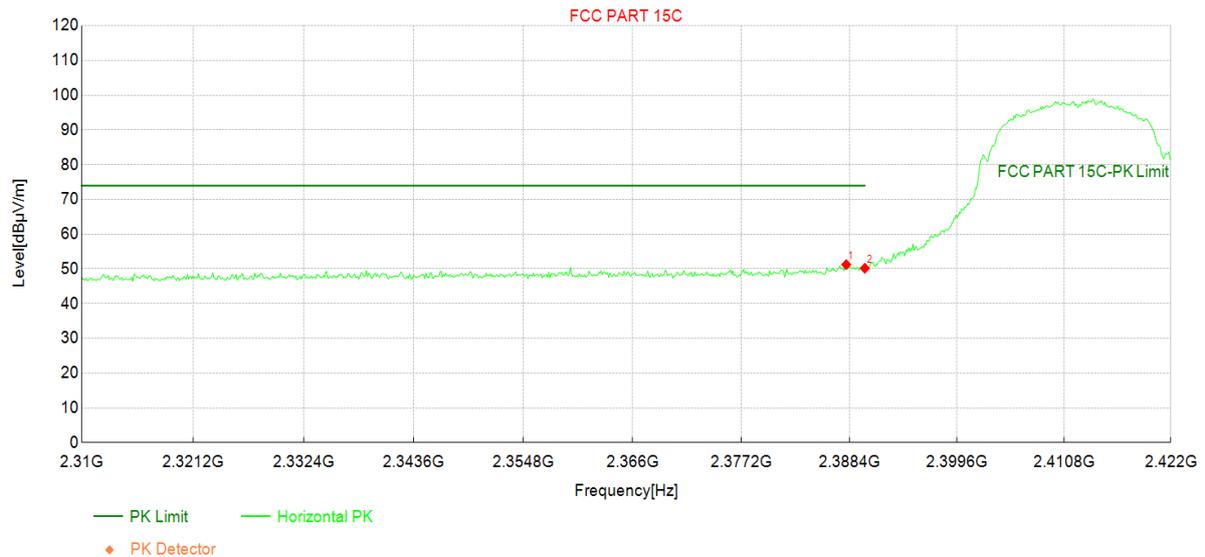
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	33.50	37.59	4.09	54.00	16.41	AV	Vertic	PASS
2	2488.72	34.12	38.24	4.12	54.00	15.76	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

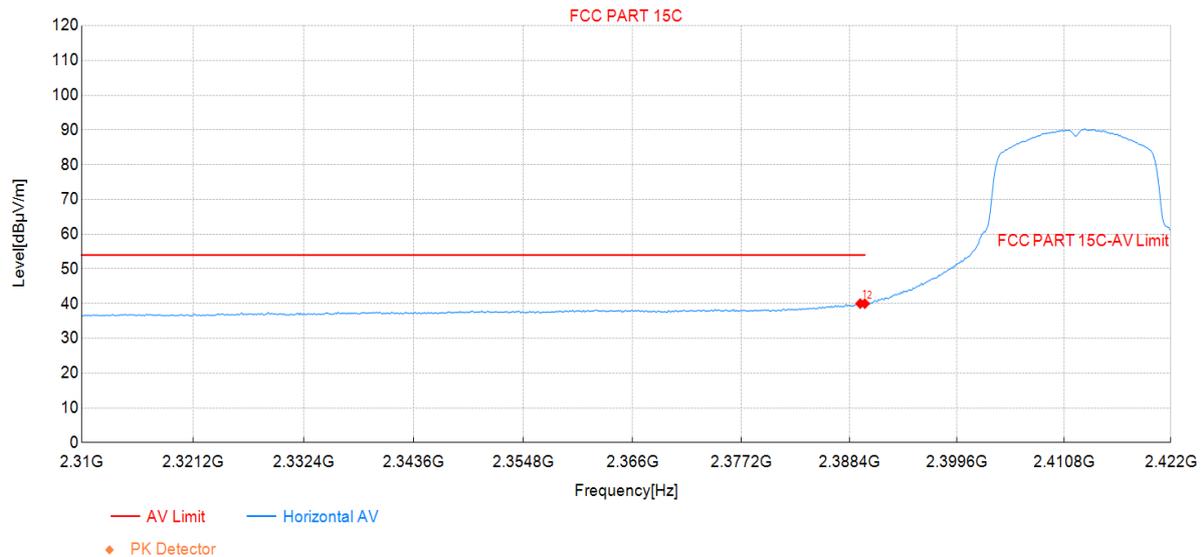
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.06	47.61	51.24	3.63	74.00	22.76	PK	Horizo	PASS
2	2390.00	46.53	50.18	3.65	74.00	23.82	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

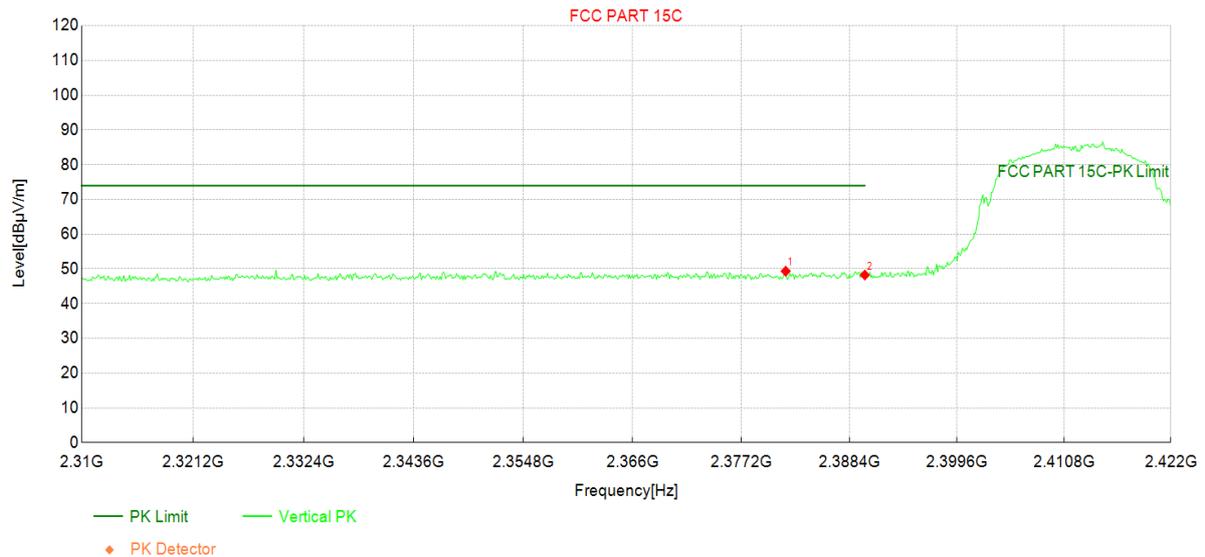
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.52	36.37	40.02	3.65	54.00	13.98	AV	Horizo	PASS
2	2390.00	36.35	40.00	3.65	54.00	14.00	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

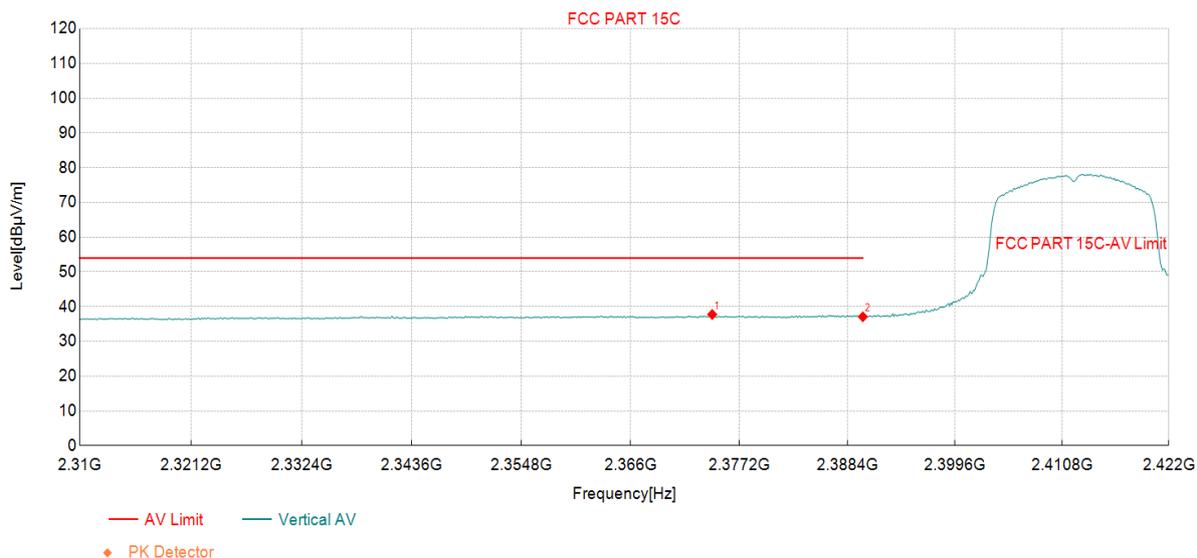
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2381.79	45.74	49.35	3.61	74.00	24.65	PK	Vertic	PASS
2	2390.00	44.59	48.24	3.65	74.00	25.76	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

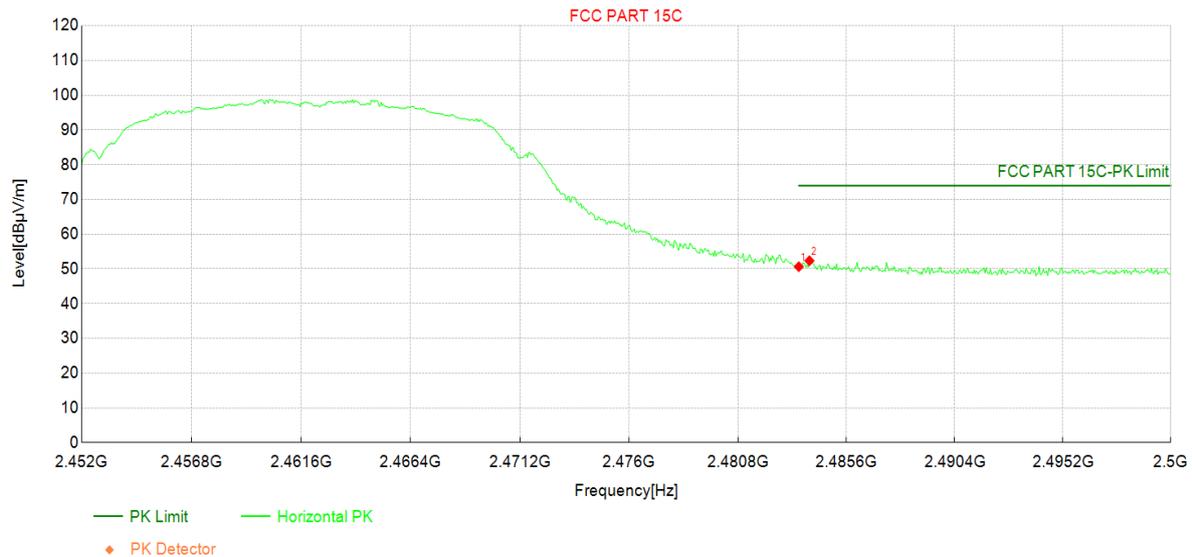
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2374.40	34.18	37.75	3.57	54.00	16.25	AV	Vertic	PASS
2	2390.00	33.43	37.08	3.65	54.00	16.92	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

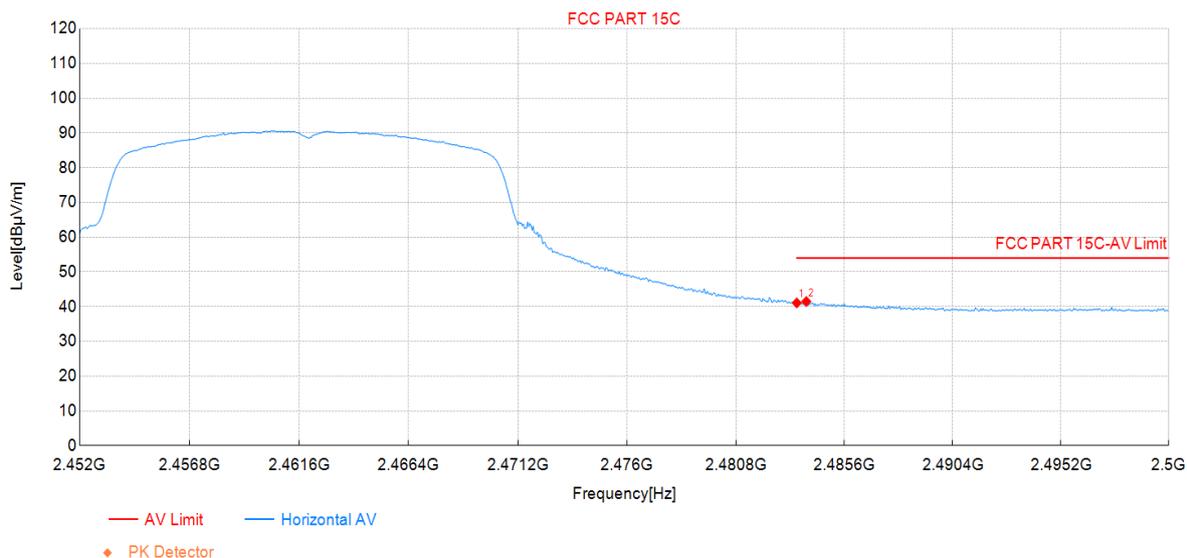
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	46.54	50.63	4.09	74.00	23.37	PK	Horizo	PASS
2	2483.97	48.25	52.35	4.10	74.00	21.65	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

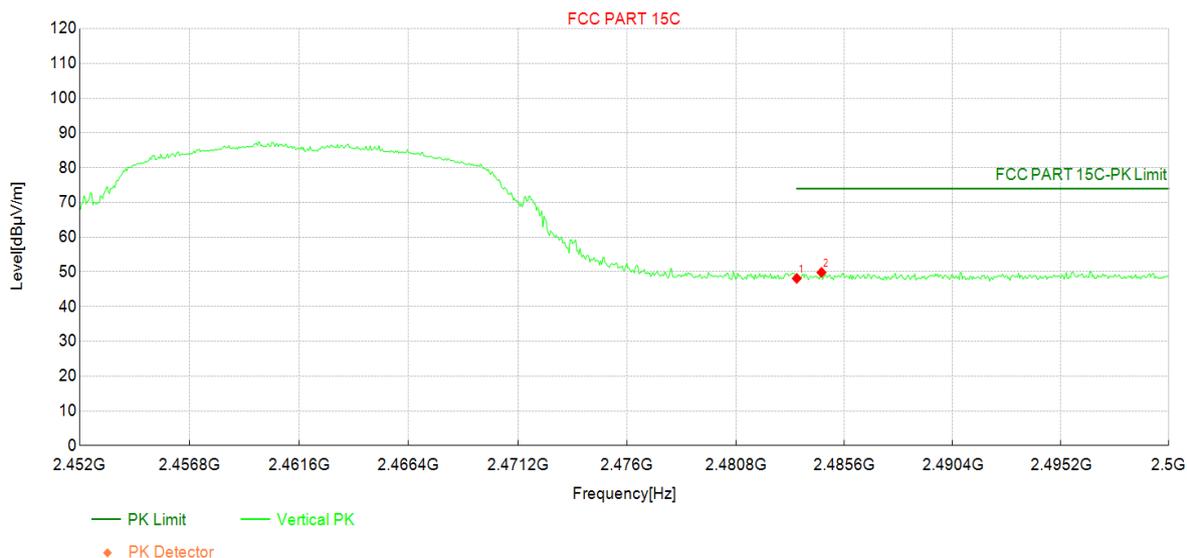
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	36.98	41.07	4.09	54.00	12.93	AV	Horizo	PASS
2	2483.92	37.40	41.49	4.09	54.00	12.51	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

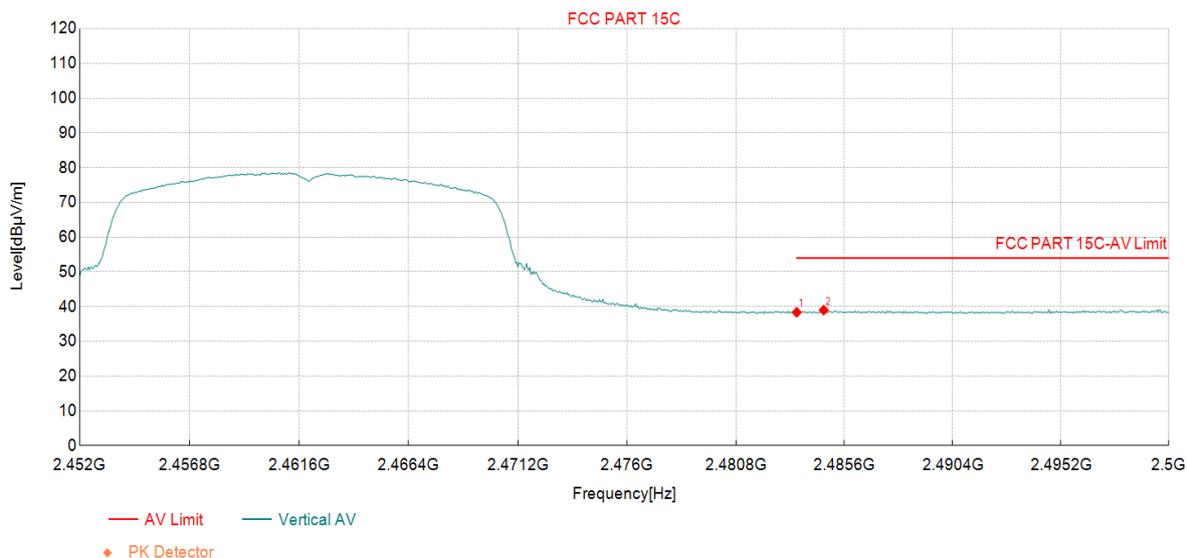
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.04	48.13	4.09	74.00	25.87	PK	Vertic	PASS
2	2484.59	45.74	49.85	4.11	74.00	24.15	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

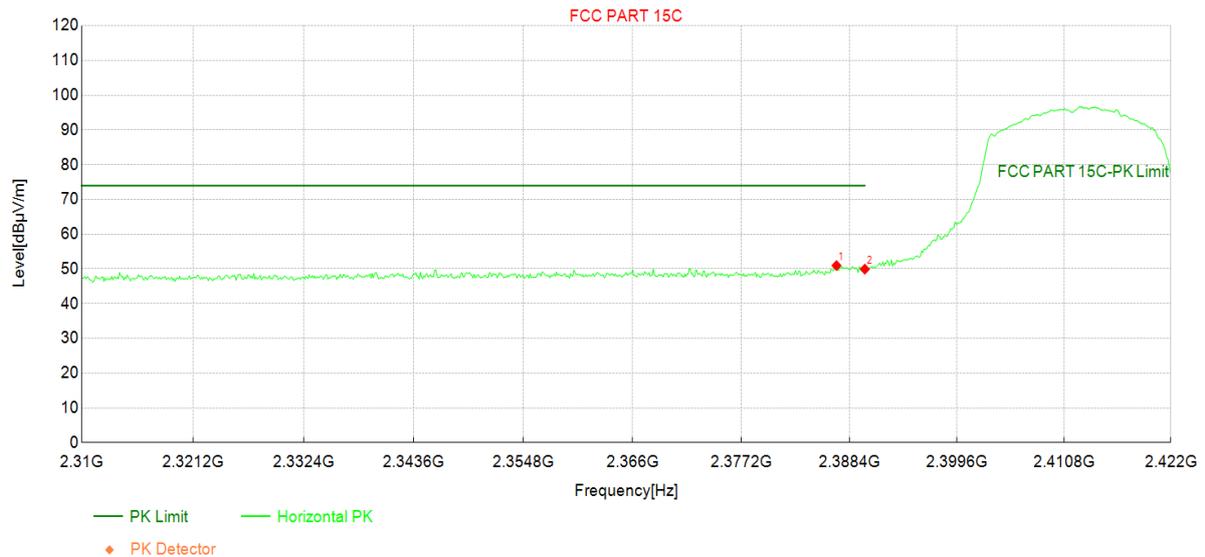
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	34.27	38.36	4.09	54.00	15.64	AV	Vertic	PASS
2	2484.69	34.88	38.99	4.11	54.00	15.01	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2412MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

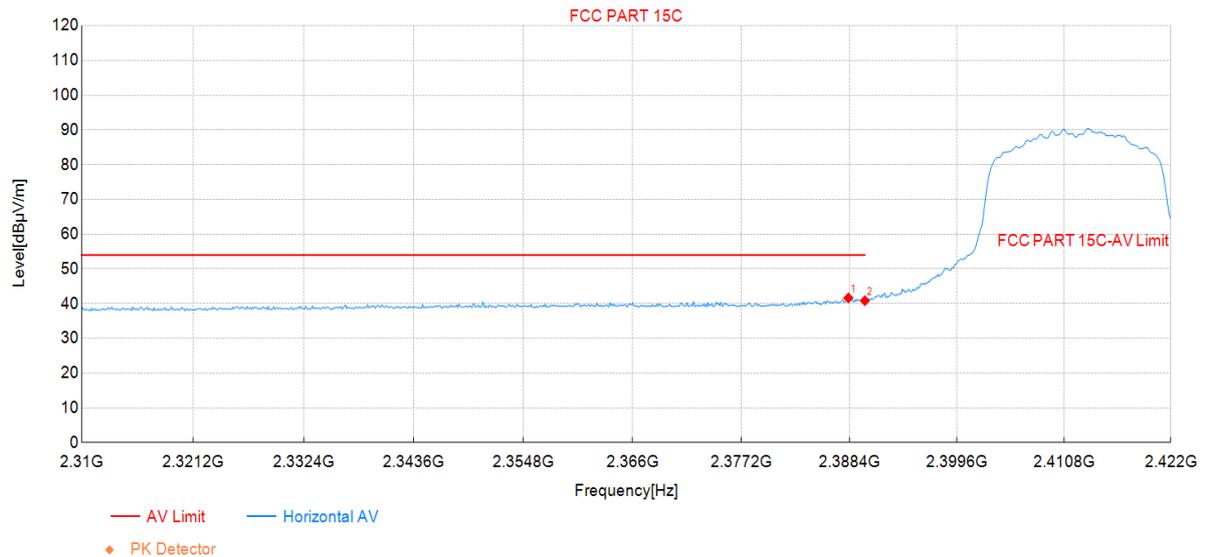
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.06	47.34	50.97	3.63	74.00	23.03	PK	Horizo	PASS
2	2390.00	46.28	49.93	3.65	74.00	24.07	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2412MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

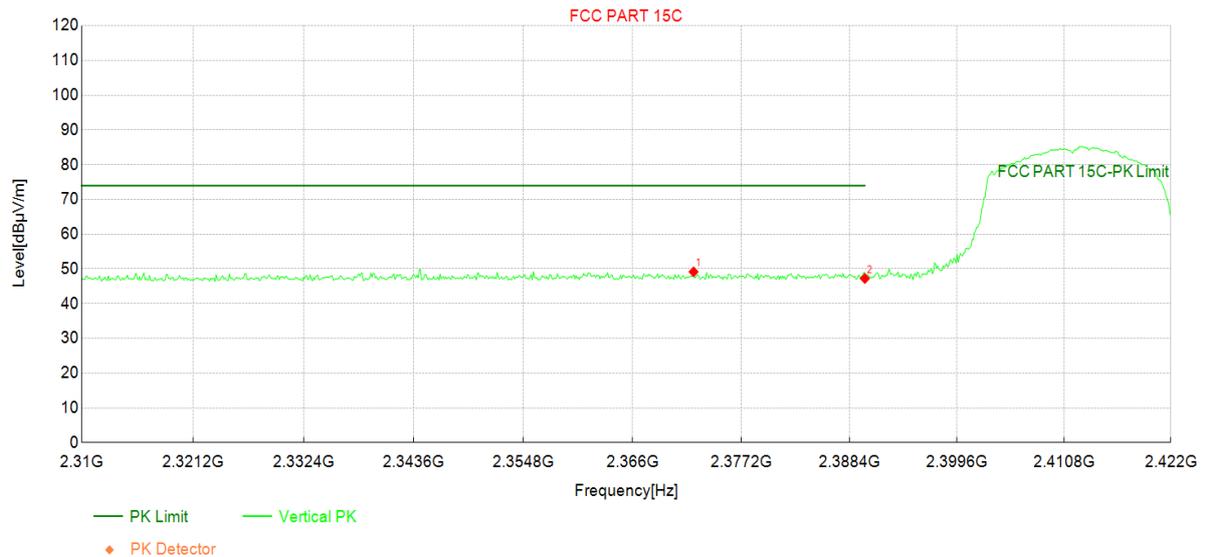
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.29	38.01	41.65	3.64	54.00	12.35	AV	Horizo	PASS
2	2390.00	37.20	40.85	3.65	54.00	13.15	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2412MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

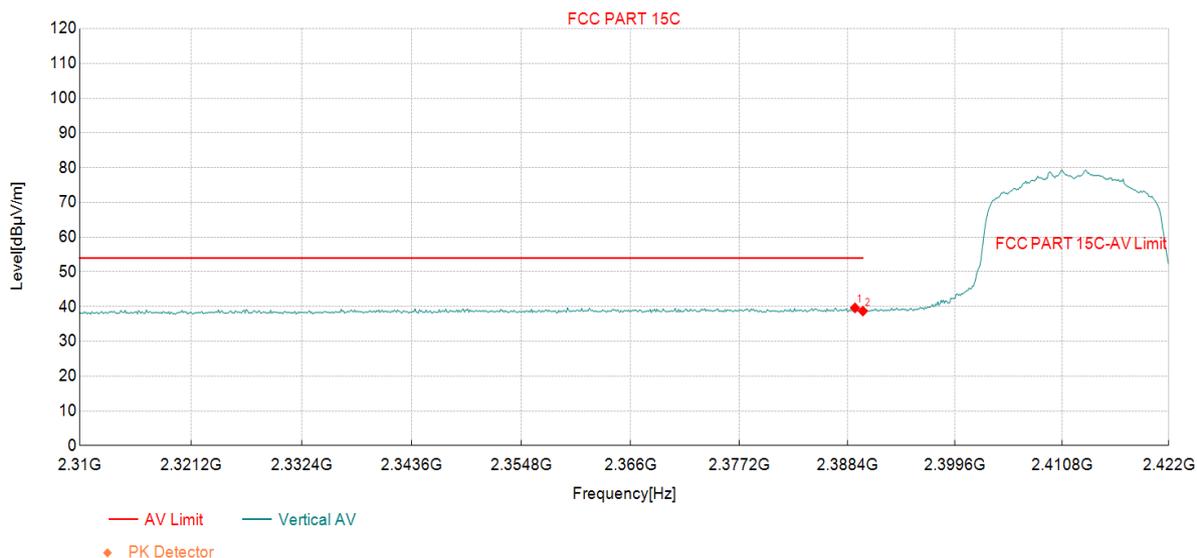
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2372.27	45.59	49.16	3.57	74.00	24.84	PK	Vertic	PASS
2	2390.00	43.60	47.25	3.65	74.00	26.75	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2412MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

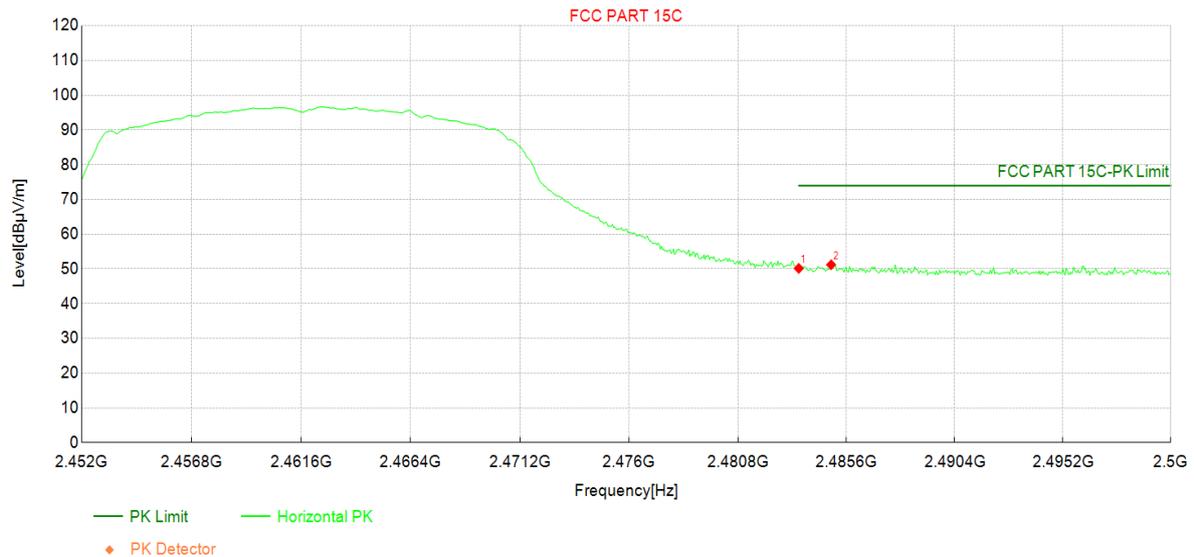
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.18	35.99	39.63	3.64	54.00	14.37	AV	Vertic	PASS
2	2390.00	35.08	38.73	3.65	54.00	15.27	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2462MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

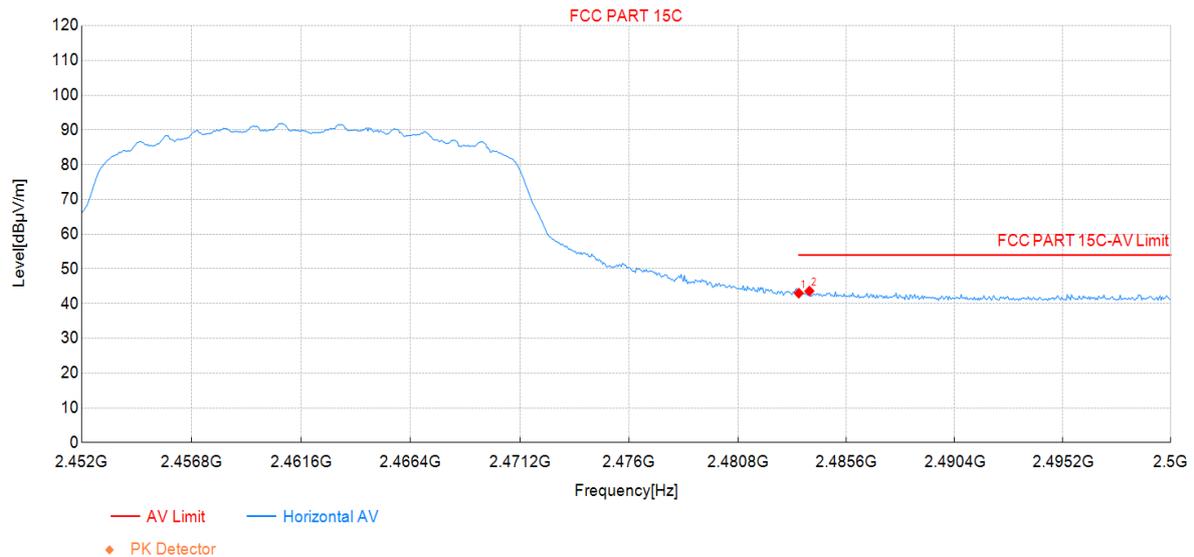
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	46.06	50.15	4.09	74.00	23.85	PK	Horizo	PASS
2	2484.93	47.08	51.19	4.11	74.00	22.81	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2462MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

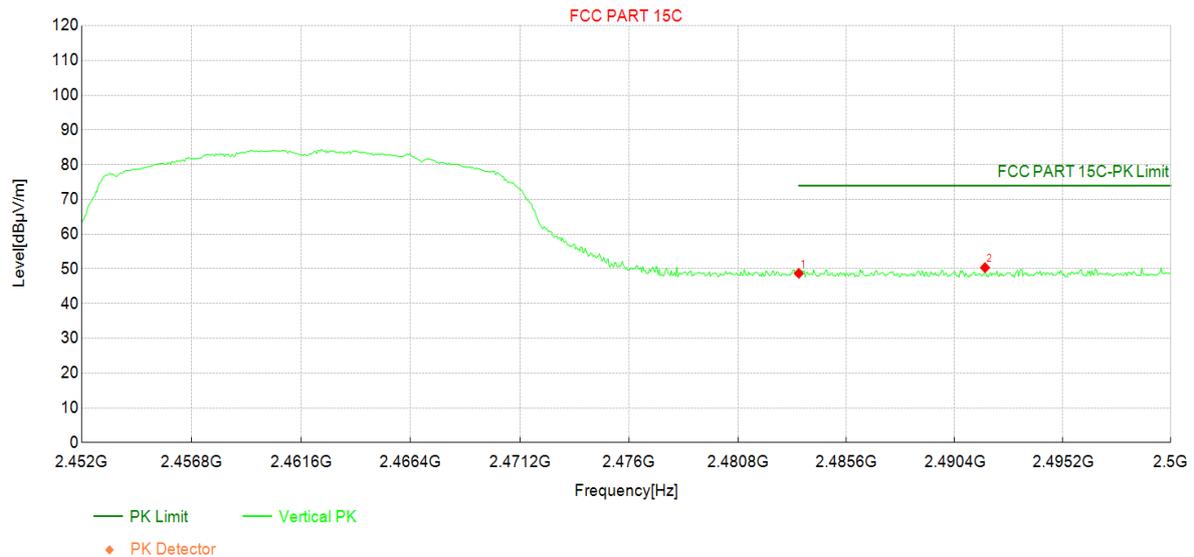
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	38.92	43.01	4.09	54.00	10.99	AV	Horizo	PASS
2	2483.97	39.52	43.62	4.10	54.00	10.38	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2462MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

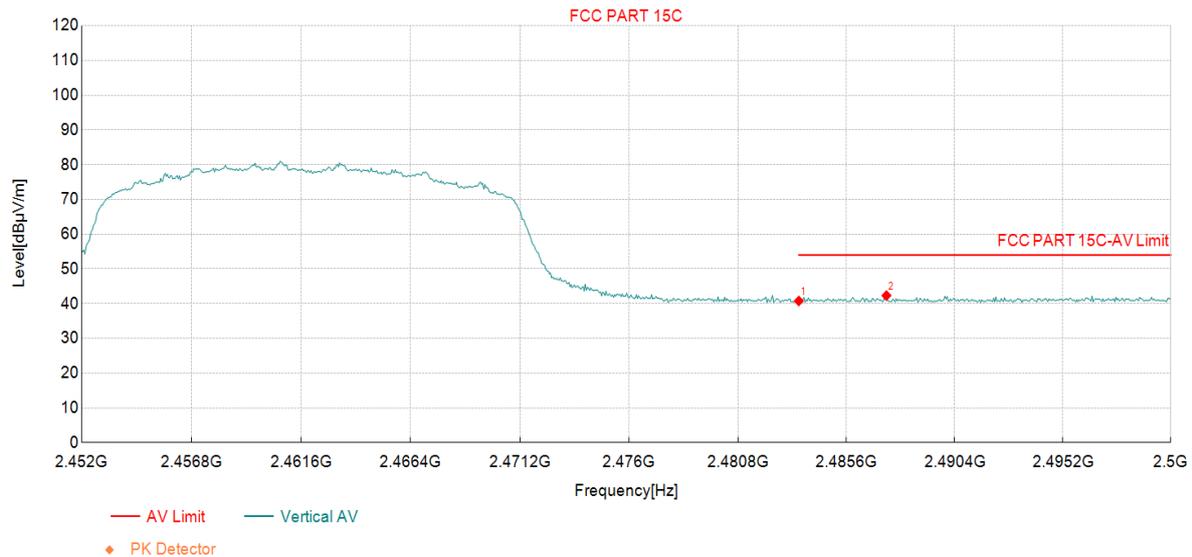
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.62	48.71	4.09	74.00	25.29	PK	Vertic	PASS
2	2491.74	46.23	50.37	4.14	74.00	23.63	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode3:Transmit at 2462MHz by 802.11n(20MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

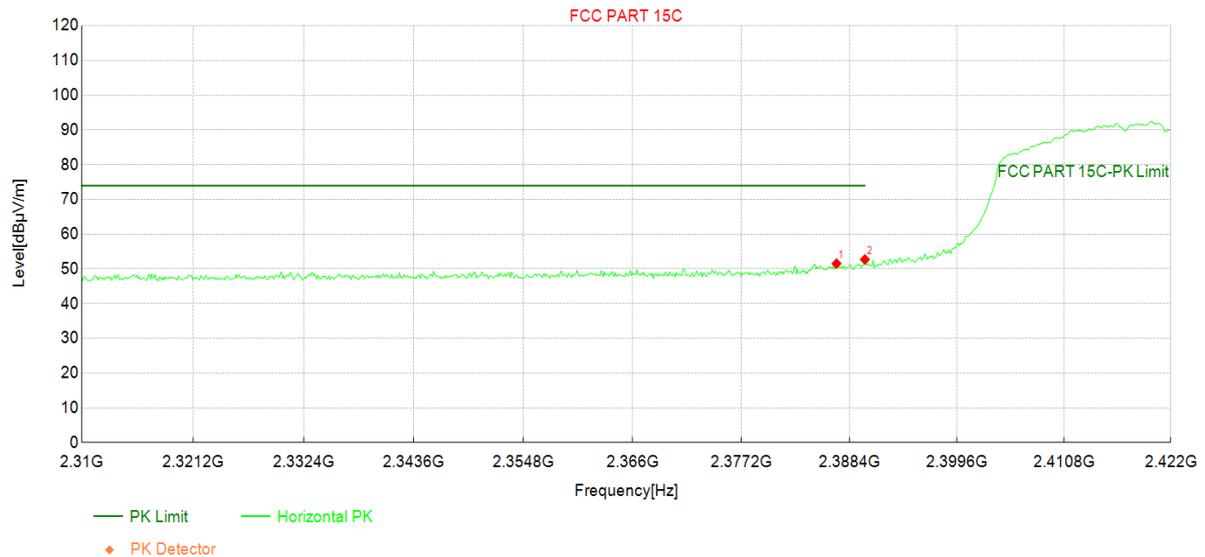
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	36.69	40.78	4.09	54.00	13.22	AV	Vertic	PASS
2	2487.38	38.22	42.33	4.11	54.00	11.67	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2422MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

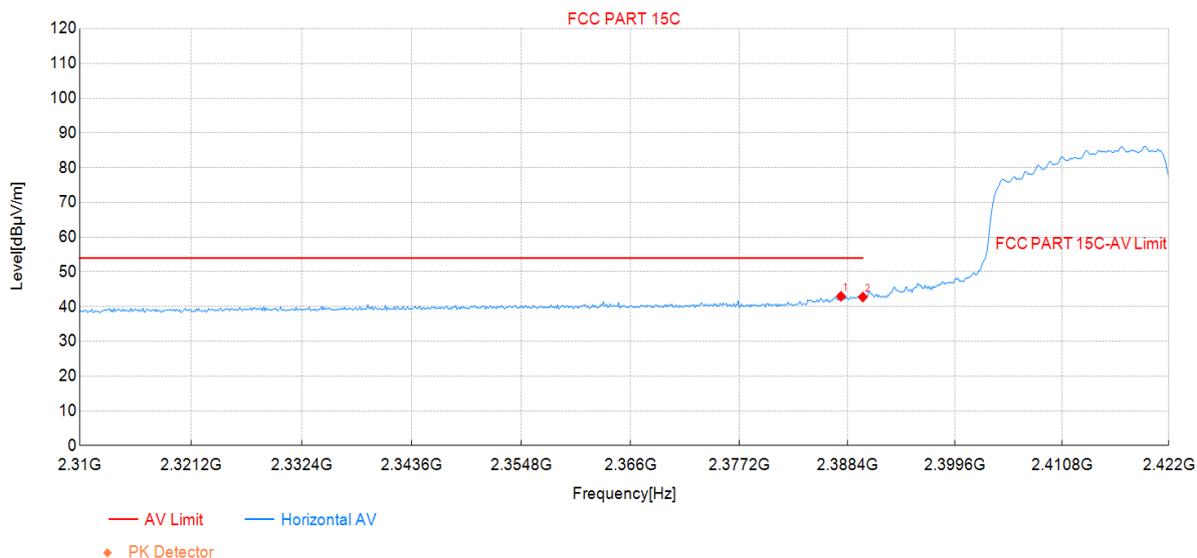
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.06	47.91	51.54	3.63	74.00	22.46	PK	Horizo	PASS
2	2390.00	49.06	52.71	3.65	74.00	21.29	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2422MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

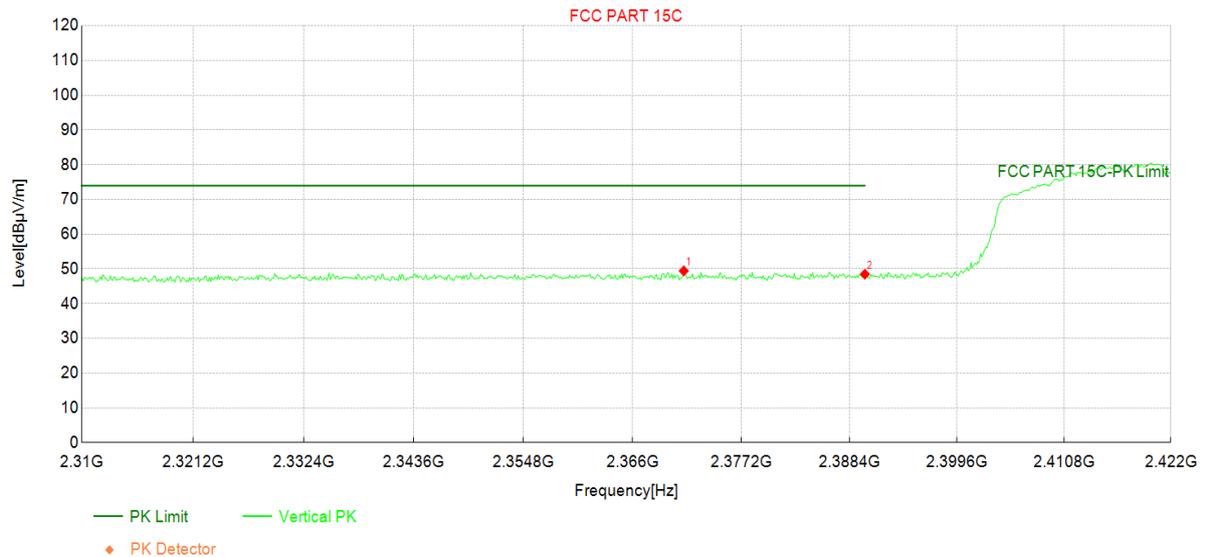
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.73	39.35	42.98	3.63	54.00	11.02	AV	Horizo	PASS
2	2390.00	39.11	42.76	3.65	54.00	11.24	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2422MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

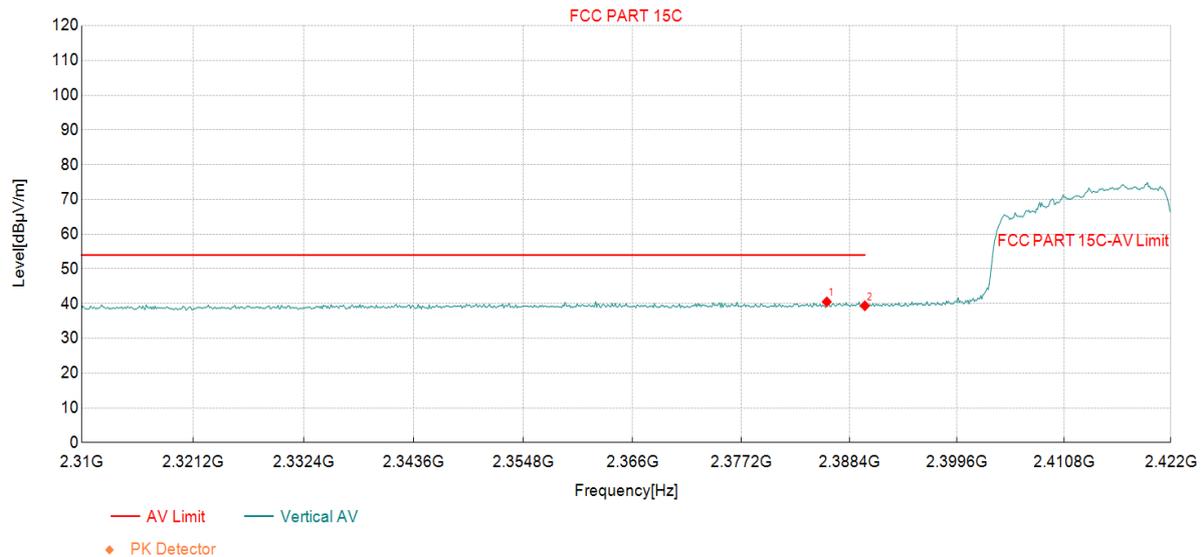
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2371.26	45.88	49.44	3.56	74.00	24.56	PK	Vertic	PASS
2	2390.00	44.82	48.47	3.65	74.00	25.53	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2422MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

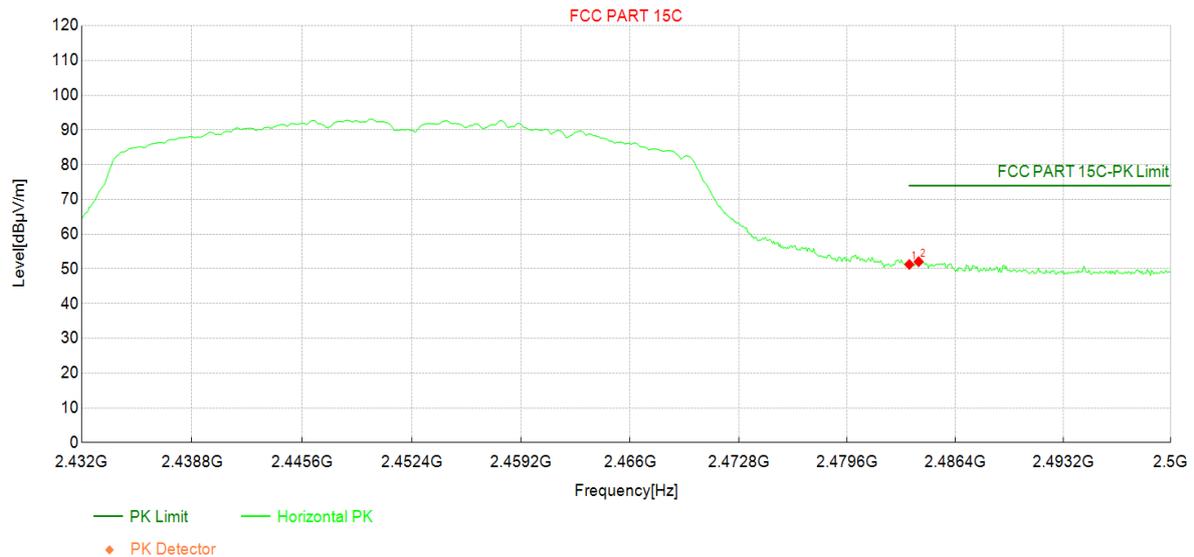
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2386.05	36.90	40.53	3.63	54.00	13.47	AV	Vertic	PASS
2	2390.00	35.73	39.38	3.65	54.00	14.62	AV	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2452MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

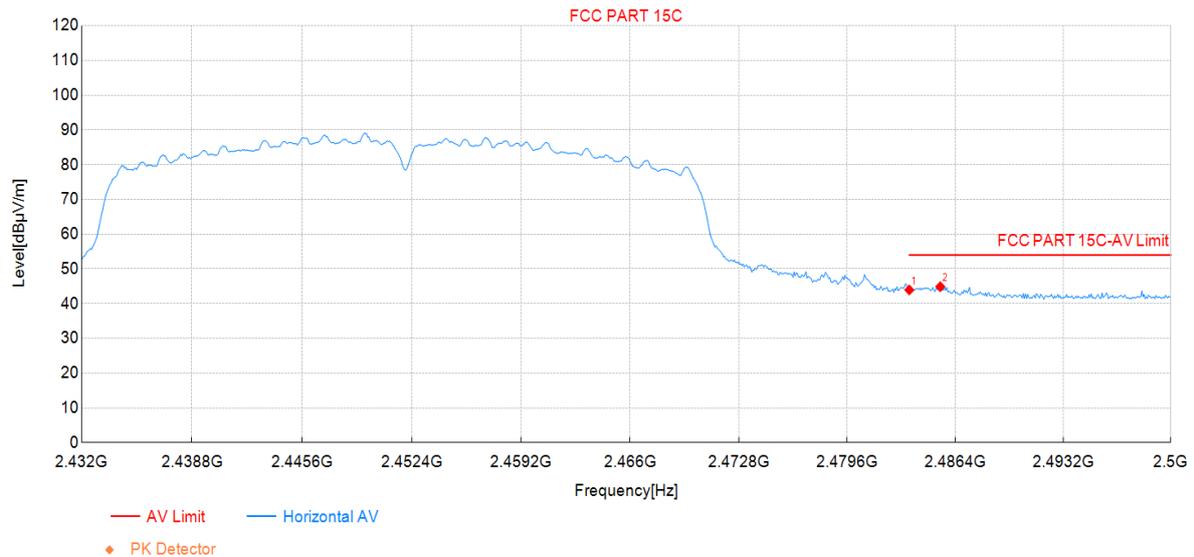
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	47.18	51.27	4.09	74.00	22.73	PK	Horizo	PASS
2	2484.09	47.97	52.08	4.11	74.00	21.92	PK	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2452MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

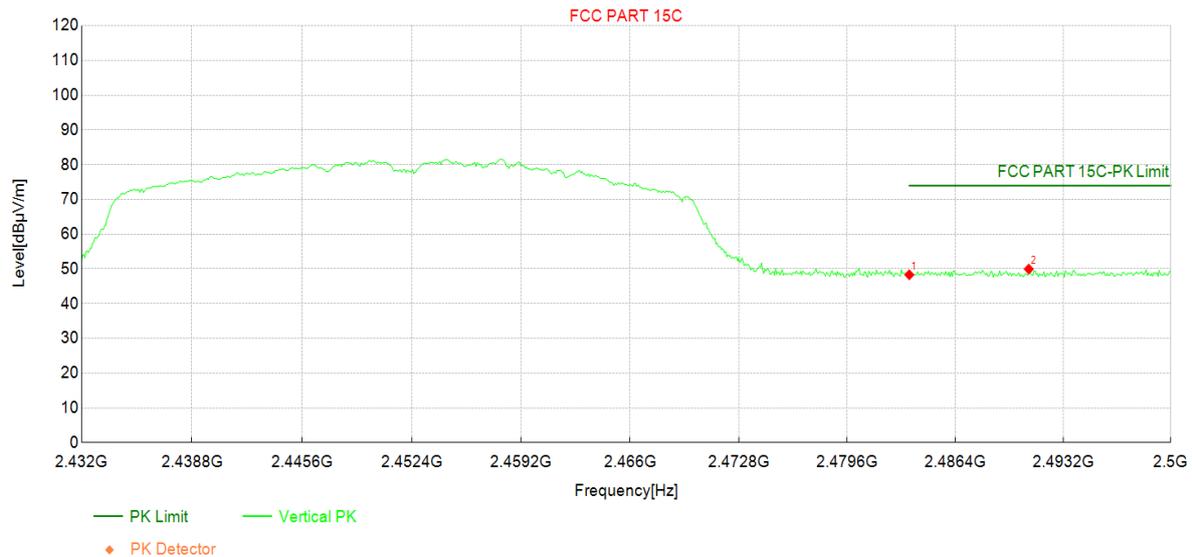
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	39.86	43.95	4.09	54.00	10.05	AV	Horizo	PASS
2	2485.45	40.77	44.88	4.11	54.00	9.12	AV	Horizo	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2452MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

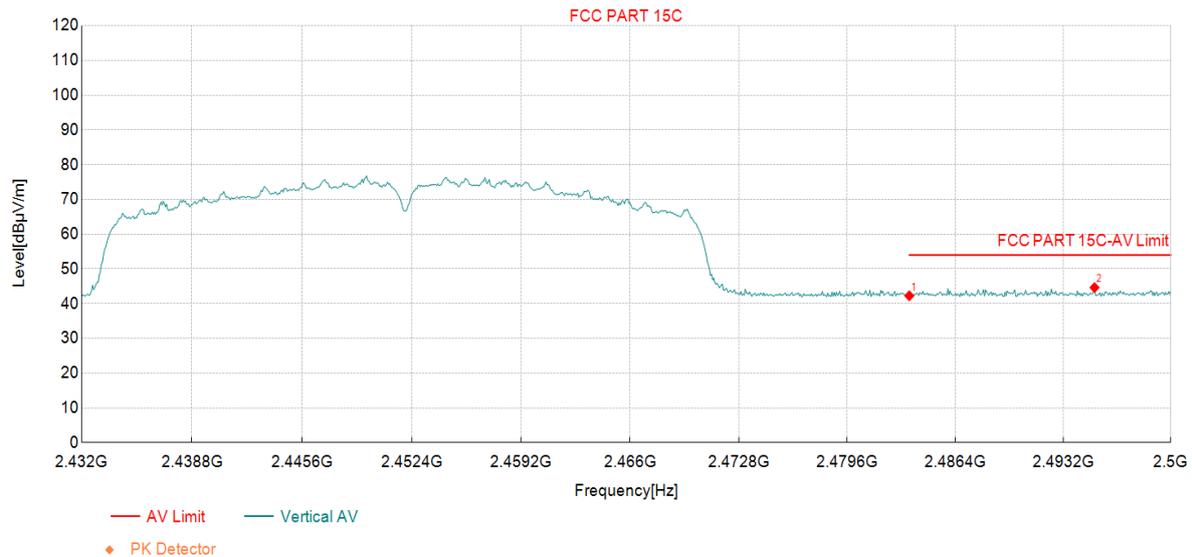
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.21	48.30	4.09	74.00	25.70	PK	Vertic	PASS
2	2491.02	45.82	49.95	4.13	74.00	24.05	PK	Vertic	PASS

Test Report

Project Information

Profile:	2521079R	EUT:	AI Dev Kit
Mode:	Mode4:Transmit at 2452MHz by 802.11n(40MHz)	Voltage:	DC: 5Vdc
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

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	2483.50	38.17	42.26	4.09	54.00	11.74	AV	Vertic	PASS
2	2495.17	40.48	44.64	4.16	54.00	9.36	AV	Vertic	PASS