

TEST REPORT

Applicant: Bolt Technology OÜ

Address of Applicant: Vana-Lõuna 15, Tallinn 10134, Estonia

Manufacturer: Bolt Operations OÜ

Address of Manufacturer: Vana-Lõuna 15, Tallinn 10134, Estonia

Equipment Under Test (EUT)

Product Name: Electric bicycle

Model No.: EB1

FCC ID: 2BHTW-BOLT-IOTE-2

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.247

Date of sample receipt: May 26, 2026

Date of Test: May 26, 2026-June 5, 2026

Date of report issued: June 5, 2026

Test Result : PASS *

* In the configuration tested, the EUT complied with the standards specified above.



Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

2 Version

Version No.	Date	Description
00	June 5, 2026	Original

Tested By:

Jauch. Gai

Date:

June 5, 2026

Test Engineer

Prepared By:

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Date:

June 5, 2026

Project Engineer

Check By:

Robinson Liu

Date:

June 5, 2026

Reviewer

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4 Test Summary

Test Item	Section	Result
Antenna requirement	FCC part 15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	FCC part 15.207	N/A
Conducted Peak Output Power	FCC part 15.247 (b)(3)	Pass
Channel Bandwidth & 99% OCB	FCC part 15.247 (a)(2)	Pass
Power Spectral Density	FCC part 15.247 (e)	Pass
Band Edge	FCC part 15.247(d)	Pass
Spurious Emission	FCC part 15.205/15.209/15.247(d)	Pass

Remark:

1. Test according to ANSI C63.10:2020
2. Pass: The EUT complies with the essential requirements in the standard.
3. N/A: Not applicable.

Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	9kHz-30MHz	3.1dB	(1)
Radiated Emission	30MHz-200MHz	3.8039dB	(1)
Radiated Emission	200MHz-1GHz	3.9679dB	(1)
Radiated Emission	1GHz-18GHz	4.29dB	(1)
Radiated Emission	18GHz-40GHz	3.30dB	(1)
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	3.44dB	(1)

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

5 General Information

5.1 General Description of EUT

Product Name:	Electric bicycle
Model No.:	EB1
Test sample(s) ID:	GTSL2026060061-1-1(Conducted) GTSL2026060061-1-2(Radiated)
Sample(s) Status	Engineer sample
Operation Frequency:	802.11b/g/n-20M: 2.412GHz - 2.462GHz 802.11n-40M: 2.422GHz - 2.452GHz
Channel numbers:	802.11b/g/n-20M: 11 802.11n-40MHz: 7
Channel separation:	5MHz
Transfer Rate:	802.11b: 11/5.5/2/1 Mbps 802.11g: 54/48/36/24/18/12/9/6 Mbps 802.11n: MCS0~MCS7
Modulation technology:	DSSS: 802.11b OFDM: 802.11g/n
Antenna Type:	Chip Antenna
Antenna gain:	3.40dBi
Power supply:	DC 47.97V from Battery and the adapter is charging for battery. Adapter information Model: XVE251-05460400 Input: AC 100-240V 50/60Hz 5.0A Max Output: DC 54.6V 4.0A 218.4W

Disclaimer statement:

1. Antenna gain information provided by the customer, and the laboratory is not responsible for its authenticity.
2. The information in this section is provided by the applicant or manufacturer, GTS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

5.2 Channel List

Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		

Note:

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

Test channel	Frequency (MHz)	
	802.11b/g/n(HT20)	802.11n(HT40)
Lowest channel	2412MHz	2422MHz
Middle channel	2437MHz	2437MHz
Highest channel	2462MHz	2452MHz

5.3 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode
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We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:

Pre-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.

Mode	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)
Data rate	1Mbps	6Mbps	MCS 0	MCS 0

5.4 Description of Support Units

Manufacturer	Description	Model	Serial Number
Lenovo	PC Host	M6900	EA05257893

5.5 Deviation from Standards

None.

5.6 Abnormalities from Standard Conditions

None.

5.7 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC —Registration No.: 381383**

Designation Number: CN5029

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files.

- **ISED—Registration No.: 9079A**

CAB identifier: CN0091

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of ISED for radio equipment testing.

- **NVLAP (LAB CODE:600179-0)**

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

5.8 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480

Fax: 0755-27798960

6 Test Instruments list

Radiated Emission:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	Apr. 10, 2026	Apr. 09, 2027
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	Apr. 10, 2026	Apr. 09, 2027
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	Apr. 11, 2026	Apr. 10, 2027
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	Apr. 11, 2026	Apr. 10, 2027
6	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	Jul. 11, 2025	Jul 10, 2026
7	Loop Antenna	ZHINAN	ZN30900A	GTS534	Nov.22, 2025	Nov.21, 2026
8	Broadband Preamplifier	SCHWARZBECK	BBV9718	GTS535	Apr. 10, 2026	Apr. 09, 2027
9	Amplifier(1GHz-26.5GHz)	HP	8449B	GTS601	Apr. 10, 2026	Apr. 09, 2027
10	Horn Antenna (18GH-40GHz)	Schwarzbeck	BBHA 9170	GTS691	Apr. 11, 2026	Apr. 10, 2027
11	FSV·Signal Analyzer (10Hz-40GHz)	Keysight	FSV-40-N	GTS666	Mar. 10, 2026	Mar. 09, 2027
12	Amplifier	/	LNA-1000-30S	GTS650	Apr. 10, 2026	Apr. 09, 2027
13	CDNE M2+M3-16A	HCT	30MHz-300MHz	GTS692	Nov. 24, 2025	Nov. 23, 2026
14	Wideband Amplifier	/	WDA-01004000-15P35	GTS602	Apr. 10, 2026	Apr. 09, 2027
15	Thermo meter	JINCHUANG	GSP-8A	GTS643	Apr. 13, 2026	Apr. 12, 2027
16	RE cable 1	GTS	N/A	GTS675	Jul. 11, 2025	Jul. 10, 2026
17	RE cable 2	GTS	N/A	GTS676	Jul. 11, 2025	Jul. 10, 2026
18	RE cable 3	GTS	N/A	GTS677	Jul. 11, 2025	Jul. 10, 2026
19	RE cable 4	GTS	N/A	GTS678	Jul. 11, 2025	Jul. 10, 2026
20	RE cable 5	GTS	N/A	GTS679	Jul. 11, 2025	Jul. 10, 2026
21	RE cable 6	GTS	N/A	GTS680	Jul. 11, 2025	Jul. 10, 2026
22	RE cable 7	GTS	N/A	GTS681	Jul. 11, 2025	Jul. 10, 2026
23	RE cable 8	GTS	N/A	GTS682	Jul. 11, 2025	Jul. 10, 2026
24	EMI Test Software	AUDIX	E3-6.100614a	GTS725	N/A	N/A

Conducted Emission						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	Jul. 12, 2022	Jul. 11, 2027
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 11, 2026	Apr. 10, 2027
3	LISN	ROHDE & SCHWARZ	ENV216	GTS226	Apr. 10, 2026	Apr. 09, 2027
4	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A
5	Thermo meter	JINCHUANG	GSP-8A	GTS642	Apr. 14, 2026	Apr. 13, 2027
6	Absorbing clamp	Elektronik-Feinmechanik	MDS21	GTS229	Apr. 11, 2026	Apr. 10, 2027
7	ISN	SCHWARZBECK	NTFM 8158	GTS565	Apr. 10, 2026	Apr. 09, 2027
8	High voltage probe	SCHWARZBECK	TK9420	GTS537	Apr. 10, 2026	Apr. 09, 2027
9	Antenna end assembly	Weinschel	1870A	GTS560	Apr. 10, 2026	Apr. 09, 2027
10	EMI Test Software	AUDIX	E3-6.100622	GTS726	N/A	N/A
11	Current probe	CYBERTEK	EM5011	GTS698	Jan. 27, 2026	Jan. 26, 2027

RF Conducted Test:						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	Apr. 10, 2026	Apr. 09, 2027
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 11, 2026	Apr. 10, 2027
3	PSA Series Spectrum Analyzer	Agilent	E4440A	GTS536	Apr. 10, 2026	Apr. 09, 2027
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	Apr. 10, 2026	Apr. 09, 2027
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	Apr. 10, 2026	Apr. 09, 2027
6	Wideband Power Meter	Keysight	N1924A	GTS673	Apr. 11, 2026	Apr. 10, 2027
7	USB RF Power Sensor	DARE	RPR3006W	GTS569	Apr. 10, 2026	Apr. 09, 2027
8	RF Switch Box	Shongyi	RFSW3003328	GTS571	Apr. 10, 2026	Apr. 09, 2027
9	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	Apr. 10, 2026	Apr. 09, 2027
10	Thermo meter	JINCHUANG	GSP-8A	GTS641	Apr. 14, 2026	Apr. 13, 2027
11	EXA Signal Analyzer	Keysight	N9010B	MY60241168	Nov. 01, 2025	Oct. 31, 2026

General used equipment:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Barometer	KUMAO	SF132	GTS647	Jul. 16, 2025	Jul. 15, 2026

7 Test results and Measurement Data

7.1 Antenna requirement

Standard requirement:	FCC Part15 C Section 15.203 /247(c)
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.	
15.247(c) (1)(i) requirement: (i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.	
E.U.T Antenna: The transmitter employs a chip antenna installed inside the host device. The antenna is permanently attached and cannot be readily replaced by the end user. No standard antenna connector is provided. Therefore, the antenna configuration complies with the requirements of FCC §15.203.	

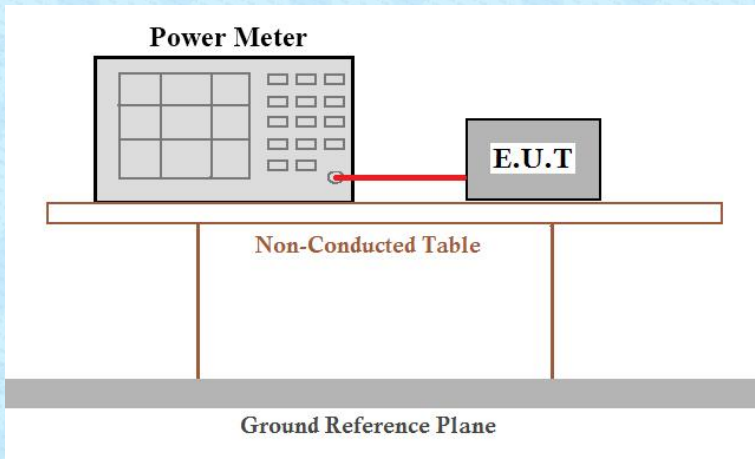
7.2 AC Power Line Conducted Emission

Test Requirement:	FCC Part15 C Section 15.207					
Test Method:	ANSI C63.10:2020					
Test Frequency Range:	150kHz to 30MHz					
Receiver setup:	RBW=9kHz, VBW=30kHz, Sweep time=auto					
Limit:	Frequency range (MHz)		Limit (dBuV)			
			Quasi-peak		Average	
	0.15-0.5		66 to 56*		56 to 46*	
	0.5-5		56		46	
	5-30		60		50	
* Decreases with the logarithm of the frequency.						
Test setup:	Reference Plane 40cm 40cm 80cm 40cm LISN AUX Equipment E.U.T Filter EMI Receiver Test table/Insulation plane AC power Remark E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m					
Test procedure:	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2020 on conducted measurement.					
Test Instruments:	Refer to section 6.0 for details					
Test mode:	Refer to section 5.3 for details					
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
Test voltage:	DC 47.97V from battery					
Test results:	N/A					

Note:

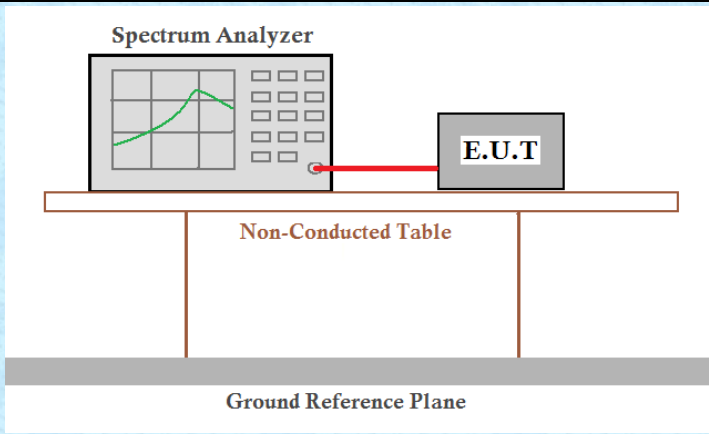
The EUT is DC 47.97V supply, this item only for the EUT is designed to be connected to the public utility (AC) power line. Not applicable.

7.3 Conducted Output Power

Test Requirement :	FCC Part15 C Section 15.247 (b)(3)
Test Method :	ANSI C63.10-2020 Section 11.9.2.2.4
Limit:	30dBm The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
Test setup:	 The diagram illustrates the test setup. A 'Power Meter' is connected to an 'E.U.T.' (Equipment Under Test) by a red cable. Both the Power Meter and the E.U.T. are placed on a 'Non-Conducted Table'. This table is supported by a 'Ground Reference Plane'.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

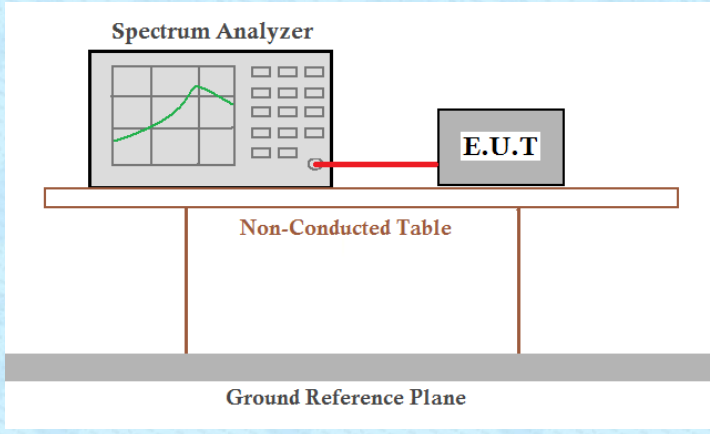
Measurement Data: The detailed test data see Appendix for WIFI 2.4G.

7.4 Channel Bandwidth

Test Requirement :	FCC Part15 C Section 15.247 (a)(2)
Test Method :	ANSI C63.10-2020 Section 11.8.1 and 6.9.3
Limit:	>500kHz
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T are placed on a Non-Conducted Table. The table is supported by a Ground Reference Plane.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

Measurement Data: The detailed test data see Appendix for WIFI 2.4G.

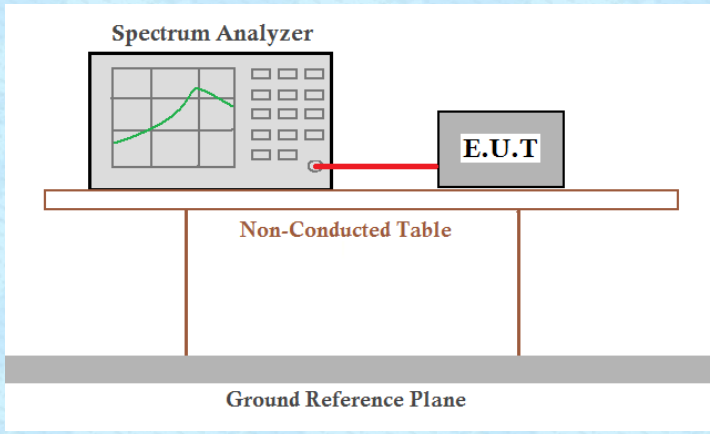
7.5 Power Spectral Density

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	ANSI C63.10-2020 Section 11.10.5
Limit:	8dBm/3kHz
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T. are placed on a Non-Conducted Table. The table is supported by a Ground Reference Plane.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

Measurement Data: The detailed test data see Appendix for WIFI 2.4G.

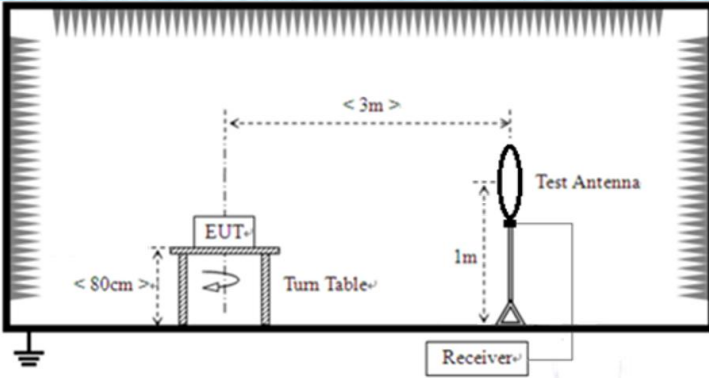
7.6 Spurious Emission in Non-restricted & restricted Bands

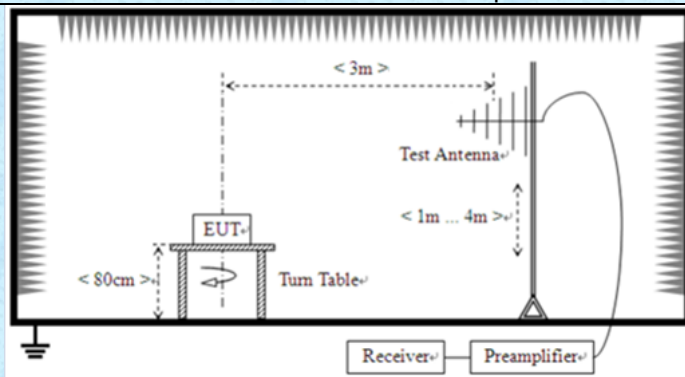
7.6.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	ANSI C63.10-2020 Section 11.11 and 11.12
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	 The diagram illustrates the test setup for conducted emission measurement. A Spectrum Analyzer is connected via a red cable to an E.U.T (Equipment Under Test). Both are placed on a Non-Conducted Table, which sits on a Ground Reference Plane.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

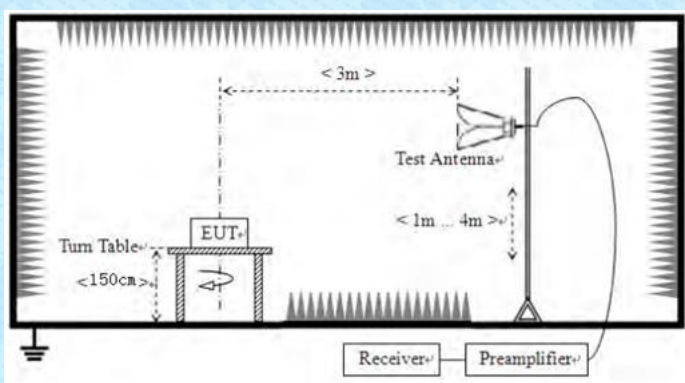
Measurement Data: The detailed test data see Appendix for WIFI 2.4G.

7.6.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209				
Test Method:	ANSI C63.10:2020				
Test Frequency Range:	9kHz to 25GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	9kHz-150kHz	Quasi-peak	200Hz	600Hz	Quasi-peak
	150kHz-30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average
	Note: For Duty cycle ≥ 98%, average detector set as above For Duty cycle < 98%, average detector set as below: VBW ≥ 1 / T				
Limit:	Frequency	Limit (uV/m)	Value	Measurement Distance	
	0.009MHz-0.490MHz	2400/F(kHz)	PK/QP/A V	300m	
	0.490MHz-1.705MHz	24000/F(kHz)	QP	30m	
	1.705MHz-30MHz	30	QP	30m	
	30MHz-88MHz	100	QP	3m	
	88MHz-216MHz	150	QP		
	216MHz-960MHz	200	QP		
	960MHz-1GHz	500	QP		
	Above 1GHz	500	Average		
		5000	Peak		
Test setup:	For radiated emissions from 9kHz to 30MHz				
					
For radiated emissions from 30MHz to1GHz					



For radiated emissions above 1GHz



Test Procedure:

1. The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Test Instruments:

Refer to section 6.0 for details

Test mode:

Refer to section 5.3 for details

Test environment:

Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
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Test voltage:	DC 47.97V
Test results:	Pass

Remarks:

1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

Measurement data:

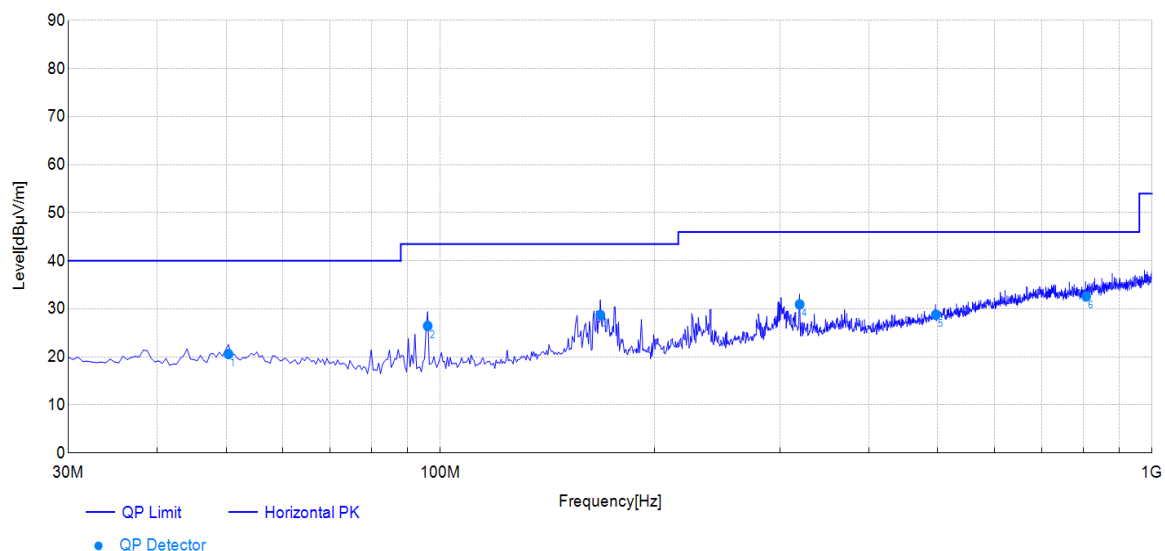
■ **9kHz~30MHz, 18-25GHz**

The emission from 9 kHz to 30MHz, 18-25GHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o), the test result no need to reported.

■ Below 1GHz

Pre-scan all test modes, found worst case at 802.11b 2412MHz, and so only show the test result of it.

30MHz – 1GHz Test Data:

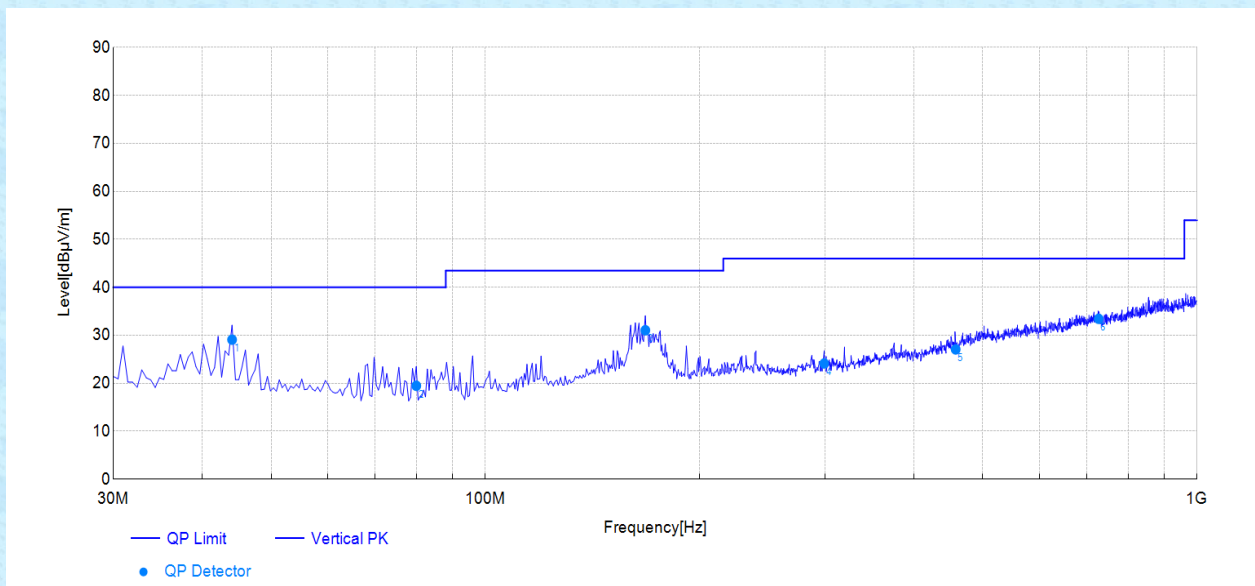


Final Data List										
NO.	Frequency [MHz]	Factor [dB/m]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Pol	Verdict
1	50.38	14.34	6.27	20.61	40.00	19.39	100	198	Horizontal	PASS
2	95.99	11.95	14.5	26.45	43.50	17.05	100	47	Horizontal	PASS
3	167.81	16.02	12.73	28.75	43.50	14.75	100	112	Horizontal	PASS
4	319.69	17.64	13.3	30.94	46.00	15.06	100	130	Horizontal	PASS
5	496.80	21.03	7.76	28.79	46.00	17.21	100	189	Horizontal	PASS
6	807.84	26.10	6.49	32.59	46.00	13.41	100	0	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Final Data List										
NO.	Frequency [MHz]	Factor [dB/m]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Pol	Verdict
1	44.07	13.14	15.96	29.10	40.00	10.90	100	166	Vertical	PASS
2	79.98	11.20	8.29	19.49	40.00	20.51	100	39	Vertical	PASS
3	167.81	17.65	13.41	31.06	43.50	12.44	100	108	Vertical	PASS
4	299.31	16.68	7.45	24.13	46.00	21.87	100	91	Vertical	PASS
5	457.98	20.85	6.22	27.07	46.00	18.93	100	252	Vertical	PASS
6	727.29	25.33	8.12	33.45	46.00	12.55	100	132	Vertical	PASS

Note:

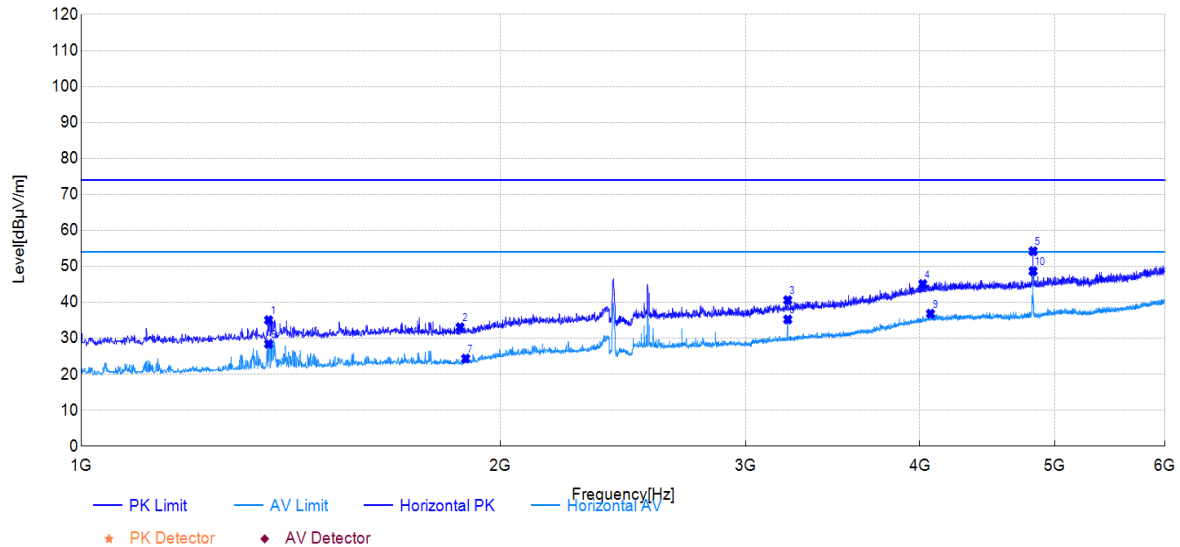
(1) Level=Reading + Factor

(2) Margin=Limit-Level

Above 1GHz

1GHz-6GHz

Test Mode:	802.11b	Test Date:	2026-06-01
Test Channel:	01	Test Engineer:	Jawb Cai

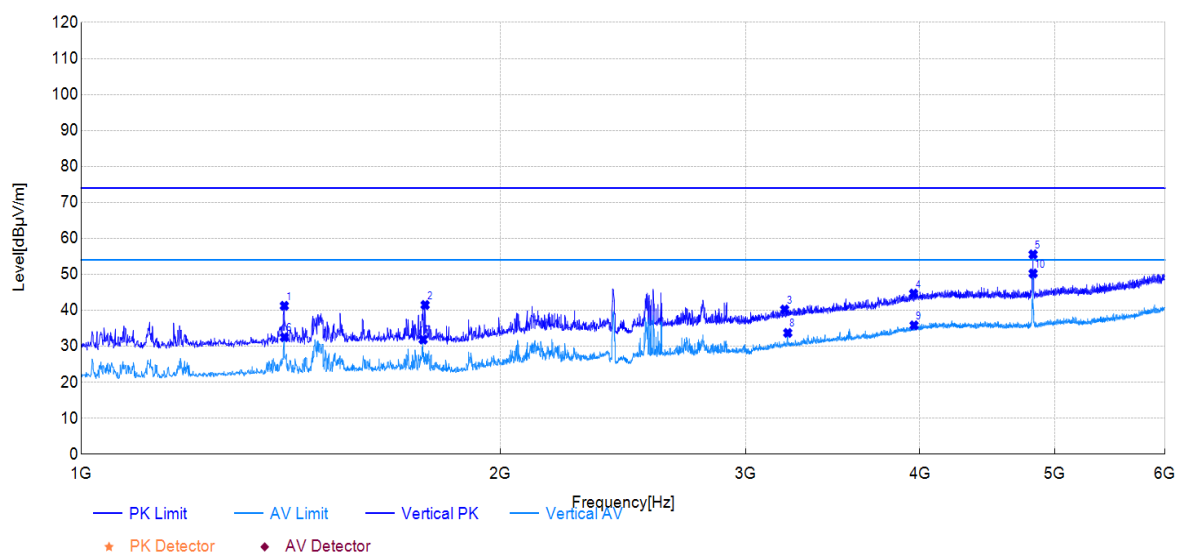


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1363.33	57.46	35.06	-22.40	74.00	38.94	150	50	PK	Horizontal	PASS
2	1870.83	52.07	33.08	-18.99	74.00	40.92	150	300	PK	Horizontal	PASS
3	3215.83	54.11	40.60	-13.51	74.00	33.40	150	189	PK	Horizontal	PASS
4	4020.00	53.58	45.09	-8.49	74.00	28.91	150	73	PK	Horizontal	PASS
5	4824.17	61.06	54.21	-6.85	74.00	19.79	150	200	PK	Horizontal	PASS
6	1363.33	50.82	28.42	-22.40	54.00	25.58	150	158	AV	Horizontal	PASS
7	1888.33	43.27	24.36	-18.91	54.00	29.64	150	162	AV	Horizontal	PASS
8	3215.83	48.74	35.23	-13.51	54.00	18.77	150	189	AV	Horizontal	PASS
9	4071.67	45.11	36.85	-8.26	54.00	17.15	150	300	AV	Horizontal	PASS
10	4824.17	55.52	48.67	-6.85	54.00	5.33	150	200	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

(3) This test was performed with the 2.4-2.4835GHz notch filter



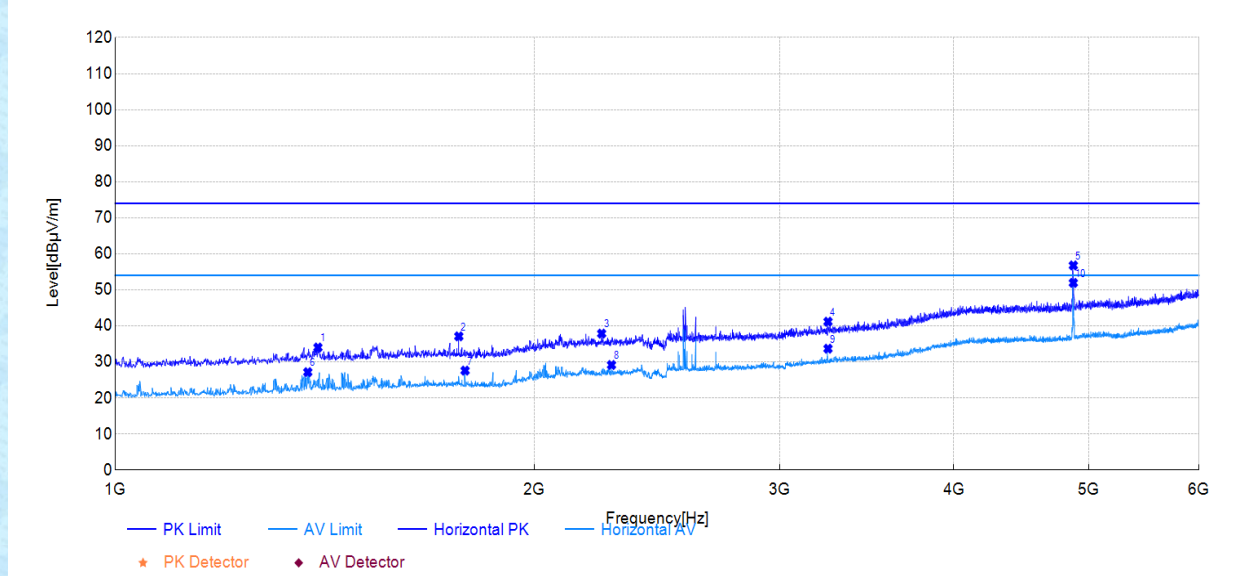
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1399.17	62.56	41.25	-21.31	74.00	32.75	150	116	PK	Vertical	PASS
2	1765.83	60.79	41.49	-19.30	74.00	32.51	150	359	PK	Vertical	PASS
3	3199.17	53.25	40.23	-13.02	74.00	33.77	150	327	PK	Vertical	PASS
4	3959.17	53.25	44.66	-8.59	74.00	29.34	150	360	PK	Vertical	PASS
5	4824.17	62.85	55.54	-7.31	74.00	18.46	150	63	PK	Vertical	PASS
6	1399.17	53.83	32.52	-21.31	54.00	21.48	150	116	AV	Vertical	PASS
7	1760.00	51.21	31.87	-19.34	54.00	22.13	150	93	AV	Vertical	PASS
8	3215.83	46.64	33.72	-12.92	54.00	20.28	150	40	AV	Vertical	PASS
9	3962.50	44.39	35.82	-8.57	54.00	18.18	150	343	AV	Vertical	PASS
10	4824.17	57.56	50.25	-7.31	54.00	3.75	150	60	AV	Vertical	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

(3) This test was performed with the 2.4-2.4835GHz notch filter

Test Mode:	802.11b	Test Date:	2026-06-01
Test Channel:	06	Test Engineer:	Jawb Cai

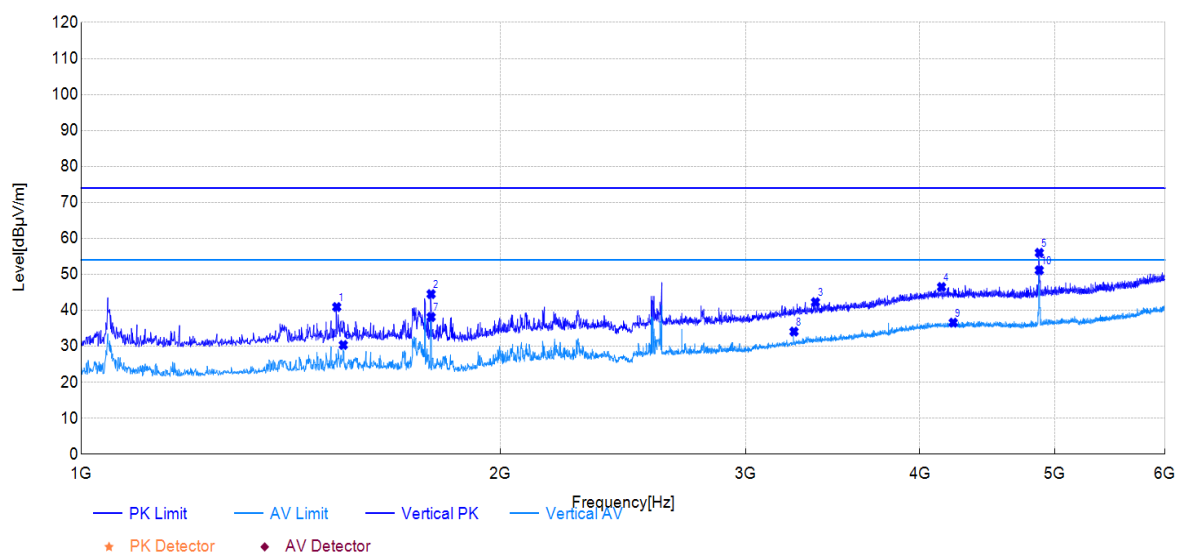


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1398.33	56.15	34.01	-22.14	74.00	39.99	150	249	PK	Horizontal	PASS
2	1765.00	56.73	37.10	-19.63	74.00	36.90	150	67	PK	Horizontal	PASS
3	2235.00	54.97	37.86	-17.11	74.00	36.14	150	74	PK	Horizontal	PASS
4	3249.17	54.53	41.17	-13.36	74.00	32.83	150	172	PK	Horizontal	PASS
5	4874.17	63.47	56.77	-6.70	74.00	17.23	150	90	PK	Horizontal	PASS
6	1375.00	49.48	27.16	-22.32	54.00	26.84	150	254	PK	Horizontal	PASS
7	1783.33	47.05	27.59	-19.46	54.00	26.41	150	317	AV	Horizontal	PASS
8	2271.67	46.17	29.15	-17.02	54.00	24.85	150	358	AV	Horizontal	PASS
9	3249.17	47.04	33.68	-13.36	54.00	20.32	150	57	AV	Horizontal	PASS
10	4874.17	58.63	51.93	-6.70	54.00	2.07	150	90	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

(3) This test was performed with the 2.4-2.4835GHz notch filter



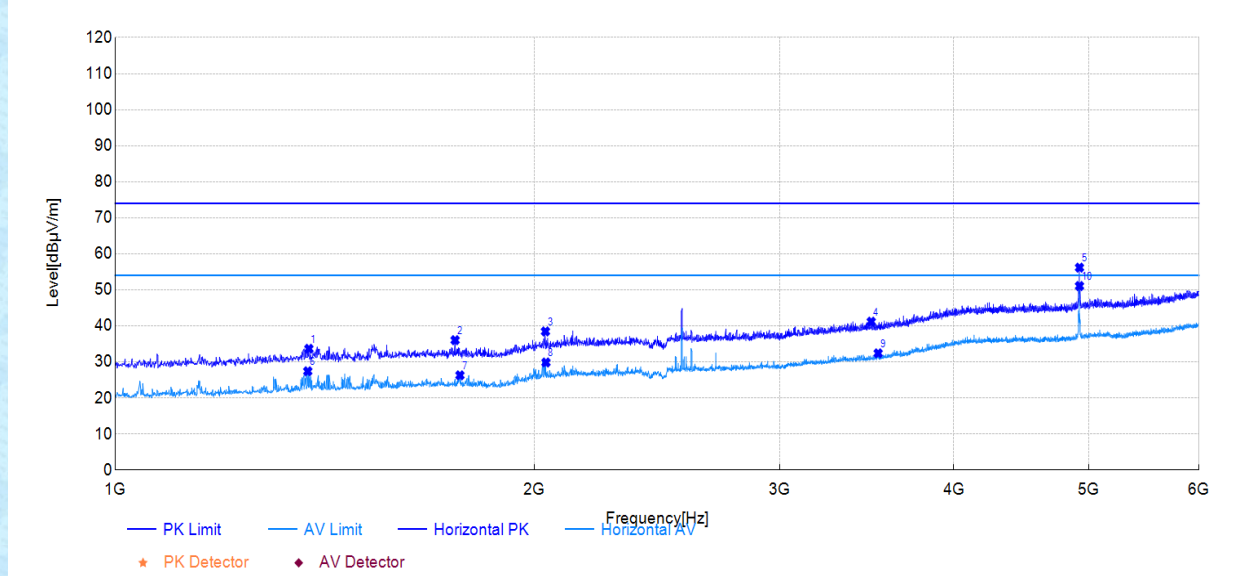
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1525.83	61.64	40.92	-20.72	74.00	33.08	150	132	PK	Vertical	PASS
2	1783.33	63.68	44.51	-19.17	74.00	29.49	150	320	PK	Vertical	PASS
3	3366.67	54.35	42.27	-12.08	74.00	31.73	150	105	PK	Vertical	PASS
4	4146.67	54.51	46.49	-8.02	74.00	27.51	150	185	PK	Vertical	PASS
5	4874.17	63.18	55.98	-7.20	74.00	18.02	150	49	PK	Vertical	PASS
6	1542.50	51.00	30.37	-20.63	54.00	23.63	150	139	AV	Vertical	PASS
7	1783.33	57.31	38.14	-19.17	54.00	15.86	150	320	AV	Vertical	PASS
8	3249.17	46.80	34.09	-12.71	54.00	19.91	150	37	AV	Vertical	PASS
9	4227.50	44.53	36.57	-7.96	54.00	17.43	150	354	AV	Vertical	PASS
10	4874.17	58.33	51.13	-7.20	54.00	2.87	150	44	AV	Vertical	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

(3) This test was performed with the 2.4-2.4835GHz notch filter

Test Mode:	802.11b	Test Date:	2026-06-01
Test Channel:	11	Test Engineer:	Jawb Cai

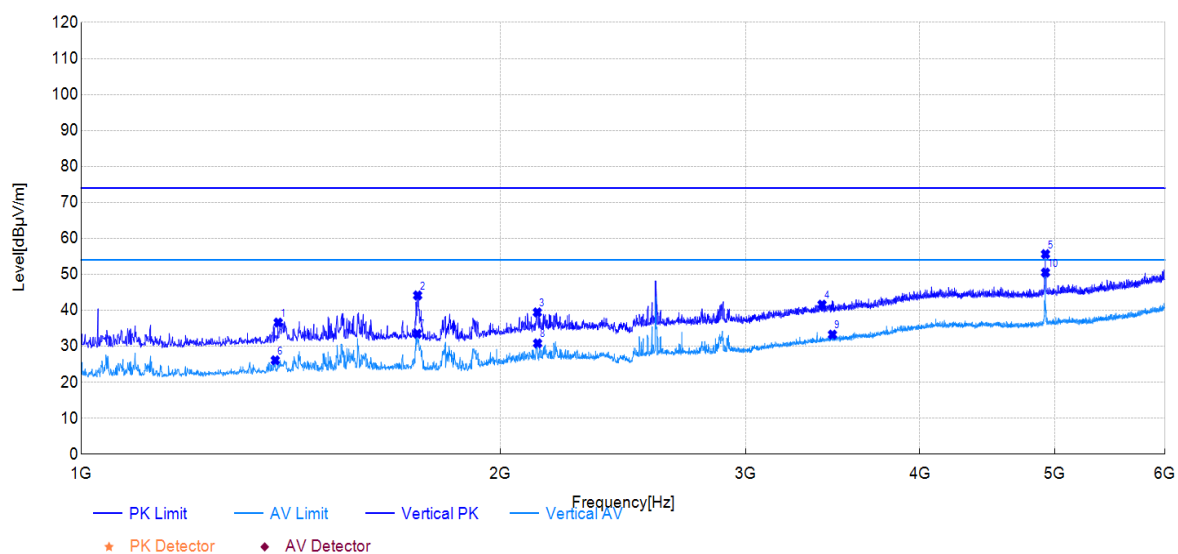


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1377.50	55.94	33.65	-22.29	74.00	40.35	150	8	PK	Horizontal	PASS
2	1754.17	55.75	36.04	-19.71	74.00	37.96	150	101	PK	Horizontal	PASS
3	2036.67	56.27	38.46	-17.81	74.00	35.54	150	270	PK	Horizontal	PASS
4	3490.00	53.68	41.17	-12.51	74.00	32.83	150	229	PK	Horizontal	PASS
5	4924.17	62.67	56.17	-6.50	74.00	17.83	150	91	PK	Horizontal	PASS
6	1375.00	49.73	27.41	-22.32	54.00	26.59	150	263	AV	Horizontal	PASS
7	1768.33	45.89	26.29	-19.60	54.00	27.71	150	136	AV	Horizontal	PASS
8	2038.33	47.66	29.85	-17.81	54.00	24.15	150	260	AV	Horizontal	PASS
9	3530.00	44.61	32.40	-12.21	54.00	21.60	150	324	AV	Horizontal	PASS
10	4924.17	57.56	51.06	-6.50	54.00	2.94	150	91	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

(3) This test was performed with the 2.4-2.4835GHz notch filter



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1385.00	58.02	36.60	-21.42	74.00	37.40	150	121	PK	Vertical	PASS
2	1744.17	63.60	44.15	-19.45	74.00	29.85	150	68	PK	Vertical	PASS
3	2125.83	56.95	39.44	-17.51	74.00	34.56	150	93	PK	Vertical	PASS
4	3403.33	53.49	41.59	-11.90	74.00	32.41	150	286	PK	Vertical	PASS
5	4924.17	62.67	55.63	-7.04	74.00	18.37	150	48	PK	Vertical	PASS
6	1378.33	47.58	26.12	-21.46	54.00	27.88	150	237	AV	Vertical	PASS
7	1743.33	52.94	33.49	-19.45	54.00	20.51	150	68	AV	Vertical	PASS
8	2126.67	48.33	30.82	-17.51	54.00	23.18	150	112	AV	Vertical	PASS
9	3462.50	44.82	33.25	-11.57	54.00	20.75	150	116	AV	Vertical	PASS
10	4924.17	57.55	50.51	-7.04	54.00	3.49	150	52	AV	Vertical	PASS

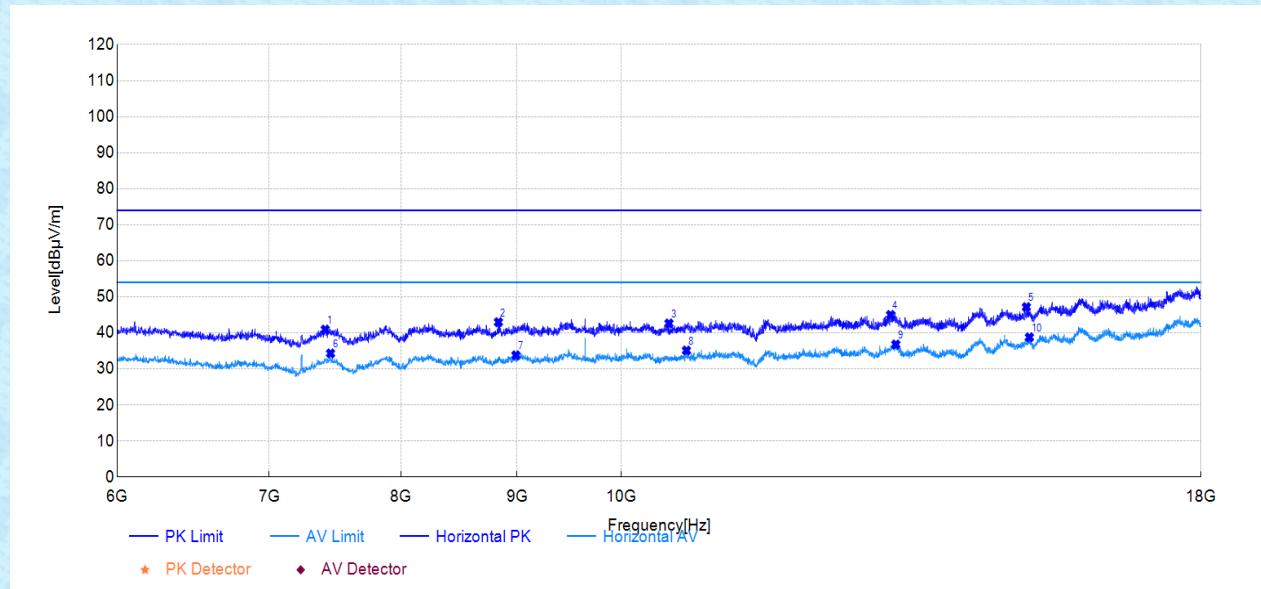
Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

(3) This test was performed with the 2.4-2.4835GHz notch filter

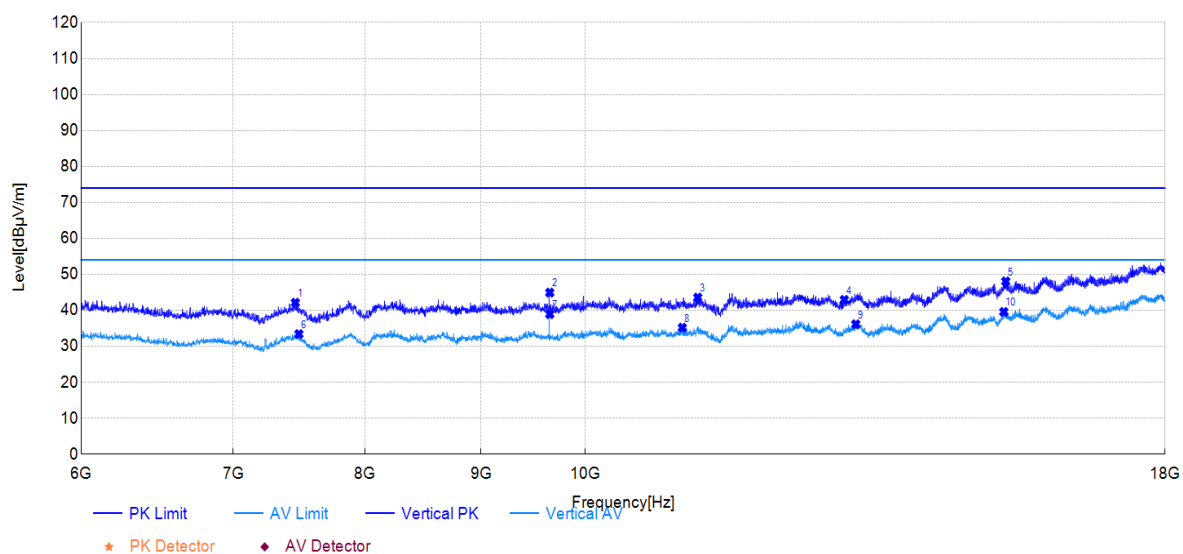
6GHz-18GHz

Test Mode:	802.11b	Test Date:	2026-06-01
Test Channel:	01	Test Engineer:	Jawb Cai



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7408.50	43.58	40.93	-2.65	74.00	33.07	150	19	PK	Horizontal	PASS
2	8830.50	43.95	42.97	-0.98	74.00	31.03	150	46	PK	Horizontal	PASS
3	10497.00	42.08	42.63	0.55	74.00	31.37	150	123	PK	Horizontal	PASS
4	13140.00	41.79	44.99	3.20	74.00	29.01	150	181	PK	Horizontal	PASS
5	15079.50	41.60	47.16	5.56	74.00	26.84	150	165	PK	Horizontal	PASS
6	7449.00	37.03	34.31	-2.72	54.00	19.69	150	321	AV	Horizontal	PASS
7	8988.00	34.42	33.79	-0.63	54.00	20.21	150	258	AV	Horizontal	PASS
8	10684.50	34.67	35.11	0.44	54.00	18.89	150	314	AV	Horizontal	PASS
9	13210.50	33.39	36.79	3.40	54.00	17.21	150	162	AV	Horizontal	PASS
10	15126.00	33.15	38.78	5.63	54.00	15.22	150	357	AV	Horizontal	PASS

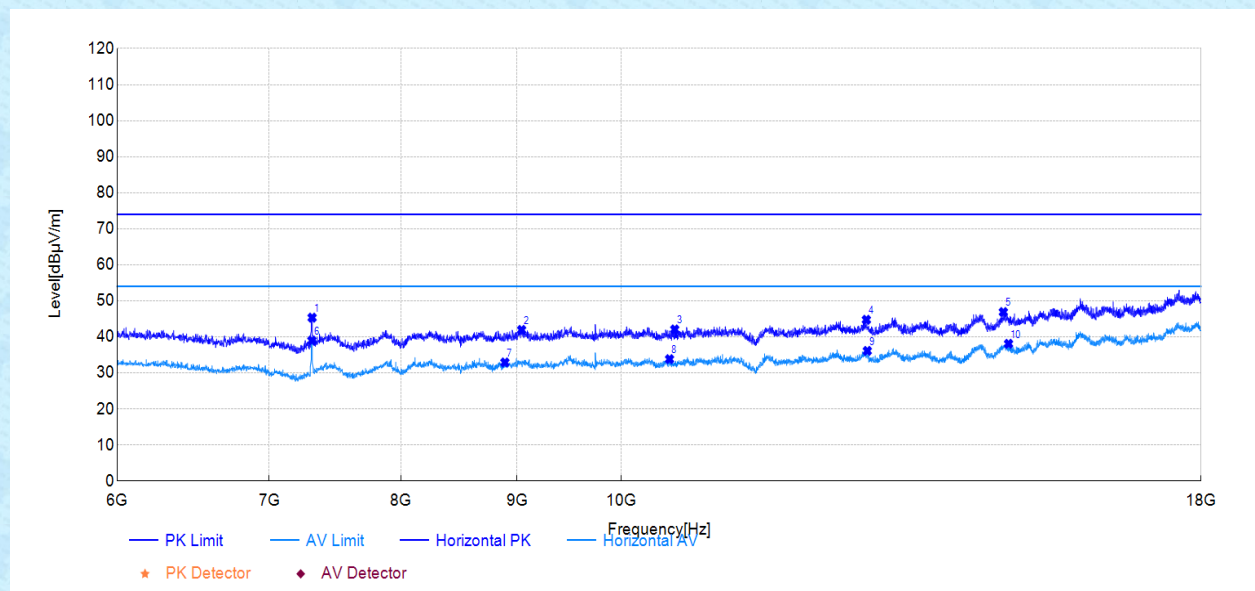
Note:(1) Level=Reading+Factor
(2) Margin=Limit-Level



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7455.00	44.92	42.13	-2.79	74.00	31.87	150	49	PK	Vertical	PASS
2	9648.00	45.78	44.93	-0.85	74.00	29.07	150	85	PK	Vertical	PASS
3	11209.50	42.53	43.55	1.02	74.00	30.45	150	158	PK	Vertical	PASS
4	13005.00	40.47	42.91	2.44	74.00	31.09	150	143	PK	Vertical	PASS
5	15316.50	40.86	48.05	7.19	74.00	25.95	150	8	PK	Vertical	PASS
6	7482.00	36.27	33.41	-2.86	54.00	20.59	150	198	AV	Vertical	PASS
7	9648.00	39.78	38.93	-0.85	54.00	15.07	150	61	AV	Vertical	PASS
8	11035.50	34.05	35.17	1.12	54.00	18.83	150	268	AV	Vertical	PASS
9	13156.50	33.38	36.13	2.75	54.00	17.87	150	345	AV	Vertical	PASS
10	15286.50	32.53	39.57	7.04	54.00	14.43	150	220	AV	Vertical	PASS

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

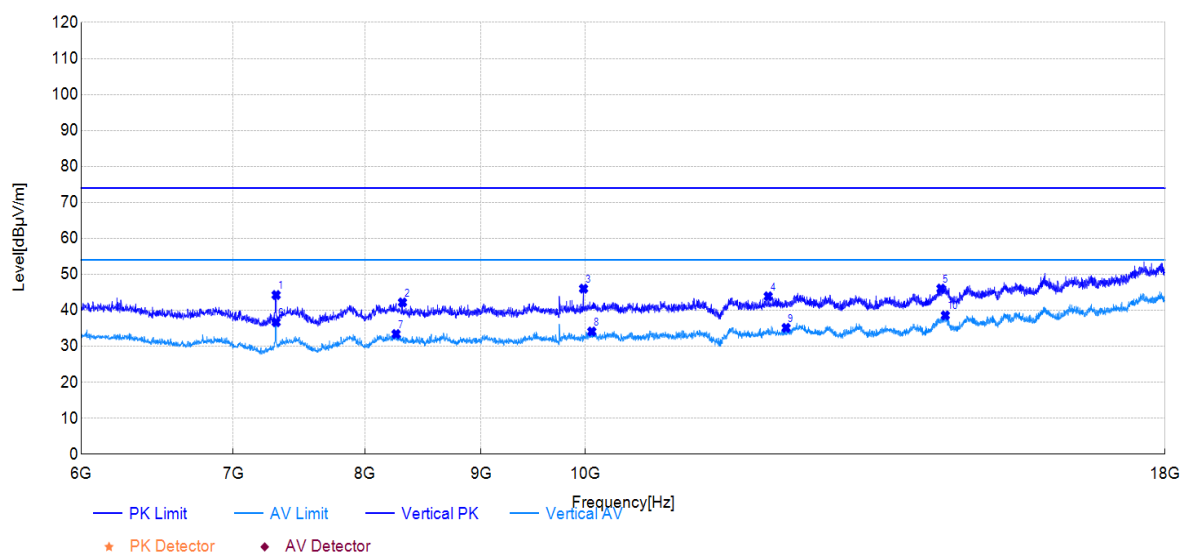
Test Mode:	802.11b	Test Date:	2026-06-01
Test Channel:	06	Test Engineer:	Jawb Cai



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7311.00	48.72	45.34	-3.38	74.00	28.66	150	97	PK	Horizontal	PASS
2	9040.50	42.49	41.93	-0.56	74.00	32.07	150	85	PK	Horizontal	PASS
3	10558.50	41.51	42.07	0.56	74.00	31.93	150	11	PK	Horizontal	PASS
4	12822.00	42.65	44.75	2.10	74.00	29.25	150	66	PK	Horizontal	PASS
5	14731.50	41.63	46.89	5.26	74.00	27.11	150	42	PK	Horizontal	PASS
6	7309.50	42.37	38.98	-3.39	54.00	15.02	150	93	AV	Horizontal	PASS
7	8889.00	33.95	32.91	-1.04	54.00	21.09	150	22	AV	Horizontal	PASS
8	10503.00	33.26	33.82	0.56	54.00	20.18	150	93	AV	Horizontal	PASS
9	12834.00	34.07	36.12	2.05	54.00	17.88	150	42	AV	Horizontal	PASS
10	14809.50	32.86	38.09	5.23	54.00	15.91	150	11	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

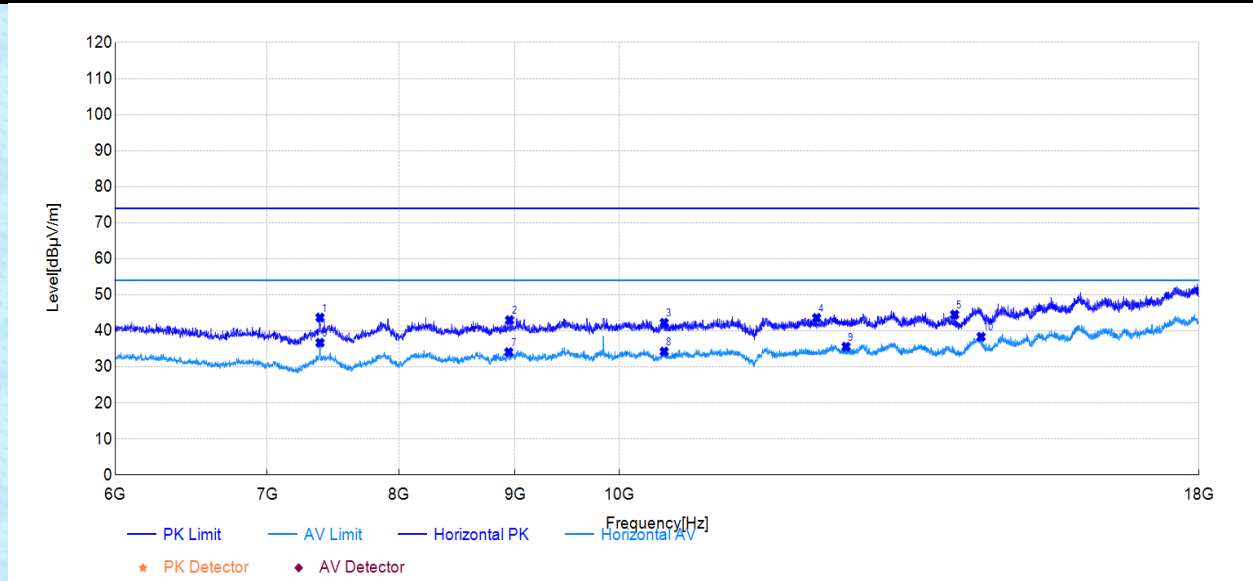
(2) Margin=Limit-Level



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7311.00	47.55	44.26	-3.29	74.00	29.74	150	337	PK	Vertical	PASS
2	8310.00	43.43	42.20	-1.23	74.00	31.80	150	280	PK	Vertical	PASS
3	9984.00	45.92	46.02	0.10	74.00	27.98	150	163	PK	Vertical	PASS
4	12039.00	42.16	43.89	1.73	74.00	30.11	150	217	PK	Vertical	PASS
5	14343.00	40.77	46.05	5.28	74.00	27.95	150	257	PK	Vertical	PASS
6	7311.00	40.00	36.71	-3.29	54.00	17.29	150	50	AV	Vertical	PASS
7	8256.00	34.80	33.41	-1.39	54.00	20.59	150	85	AV	Vertical	PASS
8	10068.00	33.98	34.11	0.13	54.00	19.89	150	307	AV	Vertical	PASS
9	12259.50	33.18	35.13	1.95	54.00	18.87	150	307	AV	Vertical	PASS
10	14406.00	33.18	38.59	5.41	54.00	15.41	150	23	AV	Vertical	PASS

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

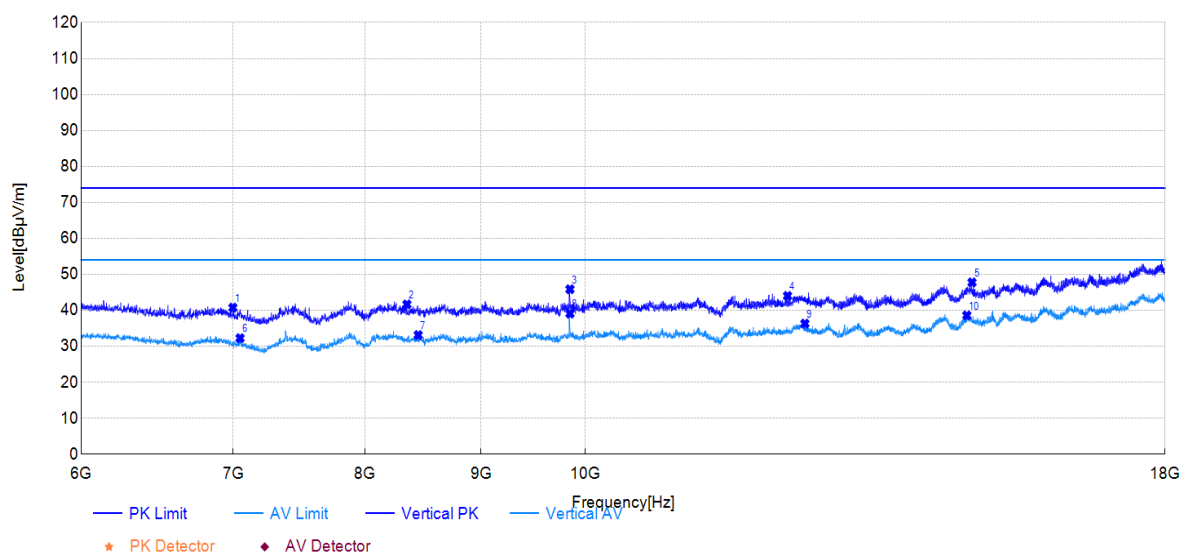
Test Mode:	802.11b	Test Date:	2026-06-01
Test Channel:	11	Test Engineer:	Jawb Cai



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7384.50	46.46	43.70	-2.76	74.00	30.30	150	322	PK	Horizontal	PASS
2	8949.00	43.80	42.98	-0.82	74.00	31.02	150	346	PK	Horizontal	PASS
3	10467.00	41.86	42.24	0.38	74.00	31.76	150	262	PK	Horizontal	PASS
4	12216.00	41.92	43.61	1.69	74.00	30.39	150	34	PK	Horizontal	PASS
5	14050.50	42.08	44.52	2.44	74.00	29.48	150	258	PK	Horizontal	PASS
6	7384.50	39.47	36.71	-2.76	54.00	17.29	150	91	AV	Horizontal	PASS
7	8941.50	34.94	34.09	-0.85	54.00	19.91	150	95	AV	Horizontal	PASS
8	10467.00	33.89	34.27	0.38	54.00	19.73	150	262	AV	Horizontal	PASS
9	12586.50	33.37	35.60	2.23	54.00	18.40	150	77	AV	Horizontal	PASS
10	14433.00	33.56	38.36	4.80	54.00	15.64	150	130	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

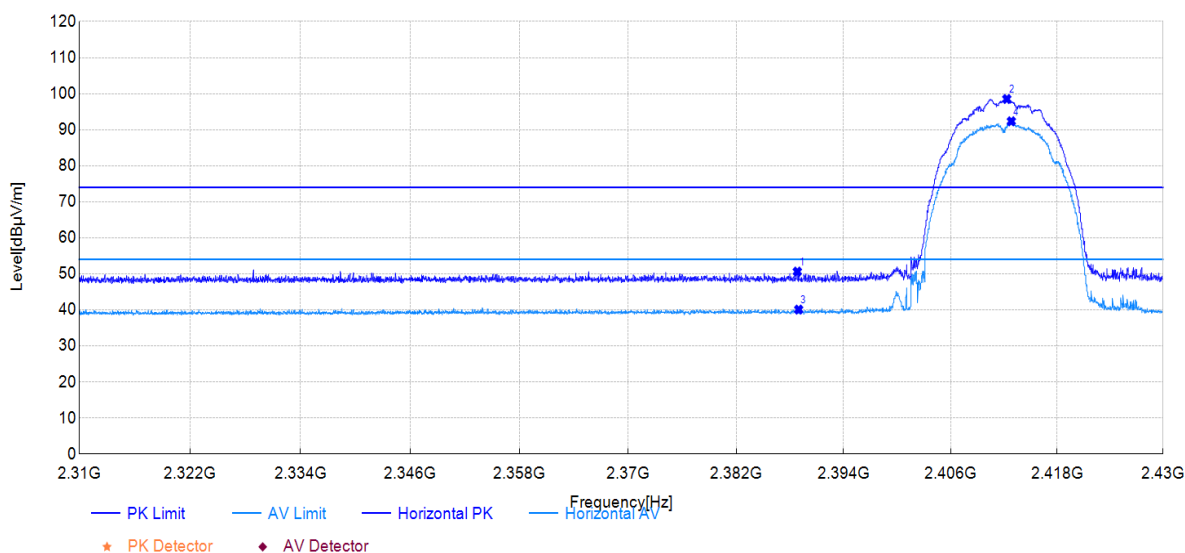


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6997.50	45.48	40.74	-4.74	74.00	33.26	150	242	PK	Vertical	PASS
2	8347.50	42.80	41.66	-1.14	74.00	32.34	150	3	PK	Vertical	PASS
3	9847.50	46.14	45.86	-0.28	74.00	28.14	150	61	PK	Vertical	PASS
4	12277.50	42.08	44.01	1.93	74.00	29.99	150	345	PK	Vertical	PASS
5	14802.00	42.18	47.76	5.58	74.00	26.24	150	330	PK	Vertical	PASS
6	7048.50	36.70	32.26	-4.44	54.00	21.74	150	287	AV	Vertical	PASS
7	8443.50	34.40	33.12	-1.28	54.00	20.88	150	179	AV	Vertical	PASS
8	9847.50	39.37	39.09	-0.28	54.00	14.91	150	61	AV	Vertical	PASS
9	12495.00	33.47	36.31	2.84	54.00	17.69	150	0	AV	Vertical	PASS
10	14724.00	33.03	38.58	5.55	54.00	15.42	150	0	AV	Vertical	PASS

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

Radiated Restricted Band Edge Measurement:

Project Information			
EUT:	Electric bicycle	Model:	EB1
Test Date:	2026-06-01	Voltage:	DC 47.97V
Environment:	Temp: 23.6°C; Humi:41%	Engineer:	Jawb Cai
Remark:	Transmit by 802.11b at Channel 2412MHz		

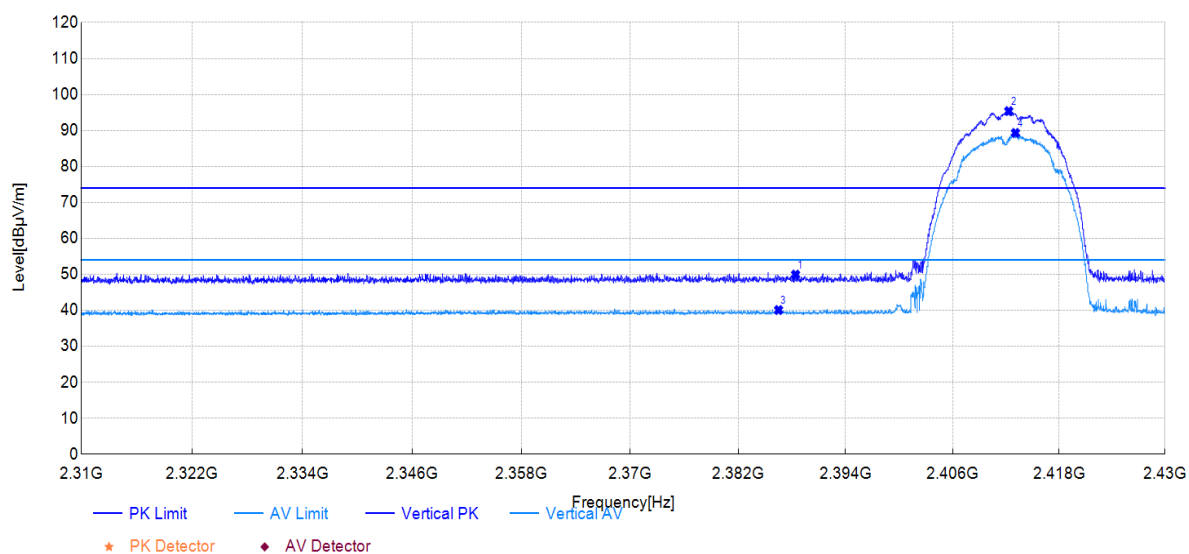


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.83	15.33	50.62	35.29	74.00	23.38	150	206	PK	Horizontal	PASS
2	2412.33	63.15	98.52	35.37	/	/	150	61	PK	Horizontal	PASS
3	2388.98	4.80	40.09	35.29	54.00	13.91	150	144	AV	Horizontal	PASS
4	2412.84	56.96	92.34	35.38	/	/	150	61	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



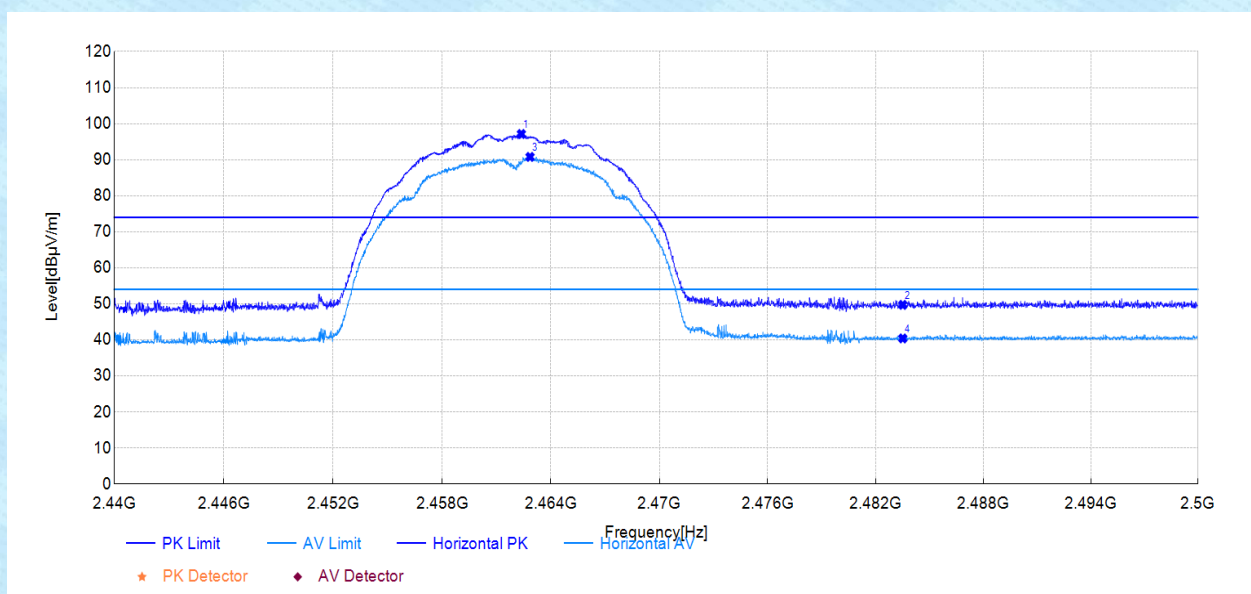
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.41	14.58	49.93	35.35	74.00	24.07	150	79	PK	Vertical	PASS
2	2412.33	59.95	95.38	35.43	/	/	150	67	PK	Vertical	PASS
3	2386.52	4.73	40.09	35.36	54.00	13.91	150	343	AV	Vertical	PASS
4	2413.08	53.87	89.31	35.44	/	/	150	64	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Electric bicycle	Model:	EB1
Test Date:	2026-06-01	Voltage:	DC 47.97V
Environment:	Temp: 23.6°C; Humi:41%	Engineer:	Jawb Cai
Remark:	Transmit by 802.11b at Channel 2462MHz		

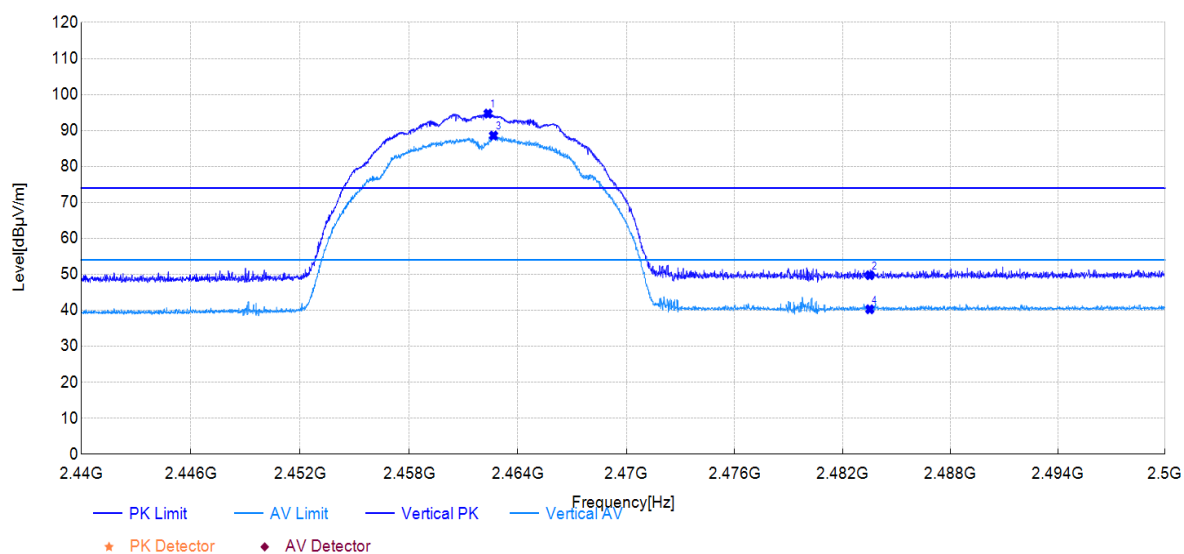


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.37	61.32	97.14	35.82	/	/	150	60	PK	Horizontal	PASS
2	2483.51	13.71	49.72	36.01	74.00	24.28	150	303	PK	Horizontal	PASS
3	2462.85	54.95	90.78	35.83	/	/	150	60	AV	Horizontal	PASS
4	2483.51	4.40	40.41	36.01	54.00	13.59	150	63	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



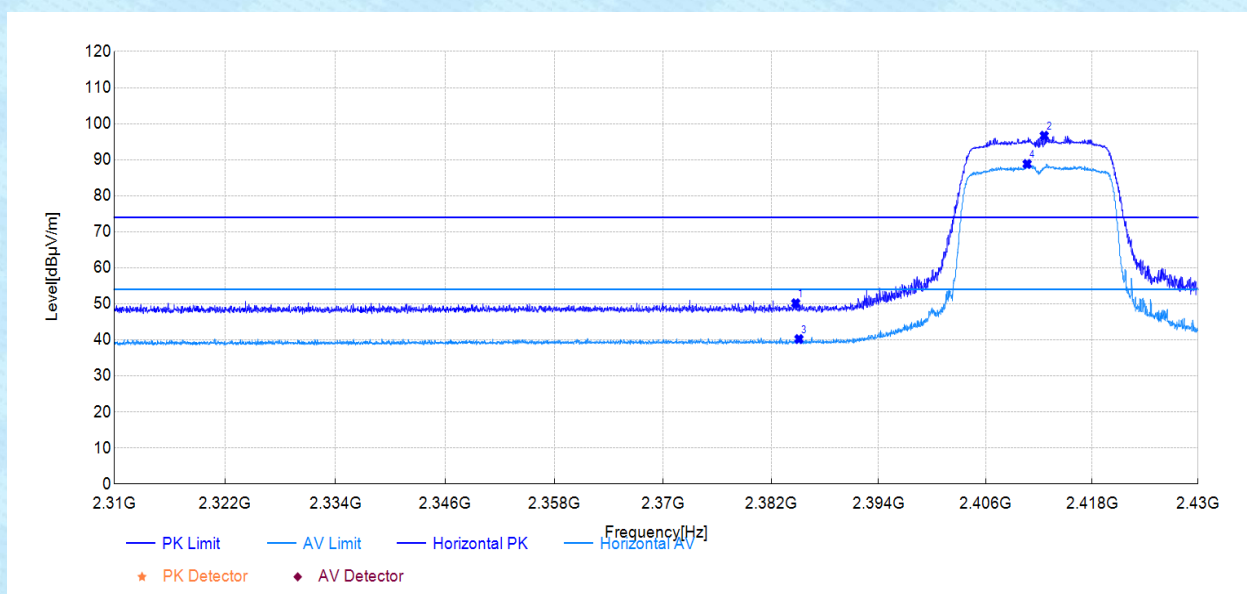
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.36	58.79	94.69	35.90	/	/	150	68	PK	Vertical	PASS
2	2483.51	13.66	49.76	36.10	74.00	24.24	150	54	PK	Vertical	PASS
3	2462.66	52.66	88.57	35.91	/	/	150	68	AV	Vertical	PASS
4	2483.51	4.19	40.29	36.10	54.00	13.71	150	144	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Electric bicycle	Model:	EB1
Test Date:	2026-06-01	Voltage:	DC 47.97V
Environment:	Temp: 23.6°C; Humi:41%	Engineer:	Jawb Cai
Remark:	Transmit by 802.11g at Channel 2412MHz		

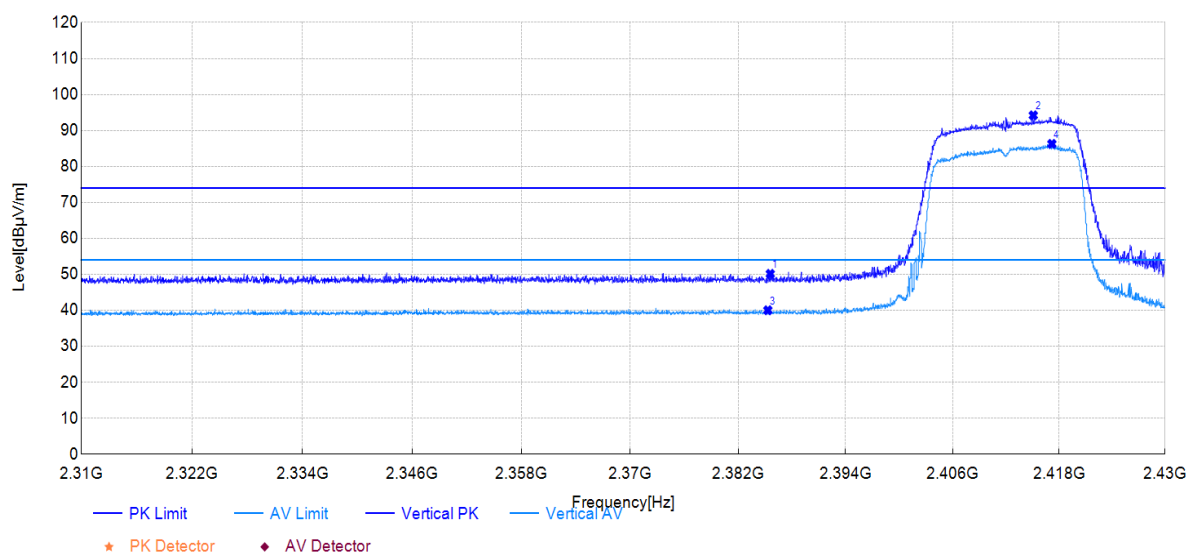


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2384.75	14.86	50.17	35.31	74.00	23.83	150	128	PK	Horizontal	PASS
2	2412.60	61.28	96.66	35.38	/	/	150	63	PK	Horizontal	PASS
3	2385.11	4.92	40.23	35.31	54.00	13.77	150	0	AV	Horizontal	PASS
4	2410.68	53.47	88.82	35.35	/	/	150	60	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



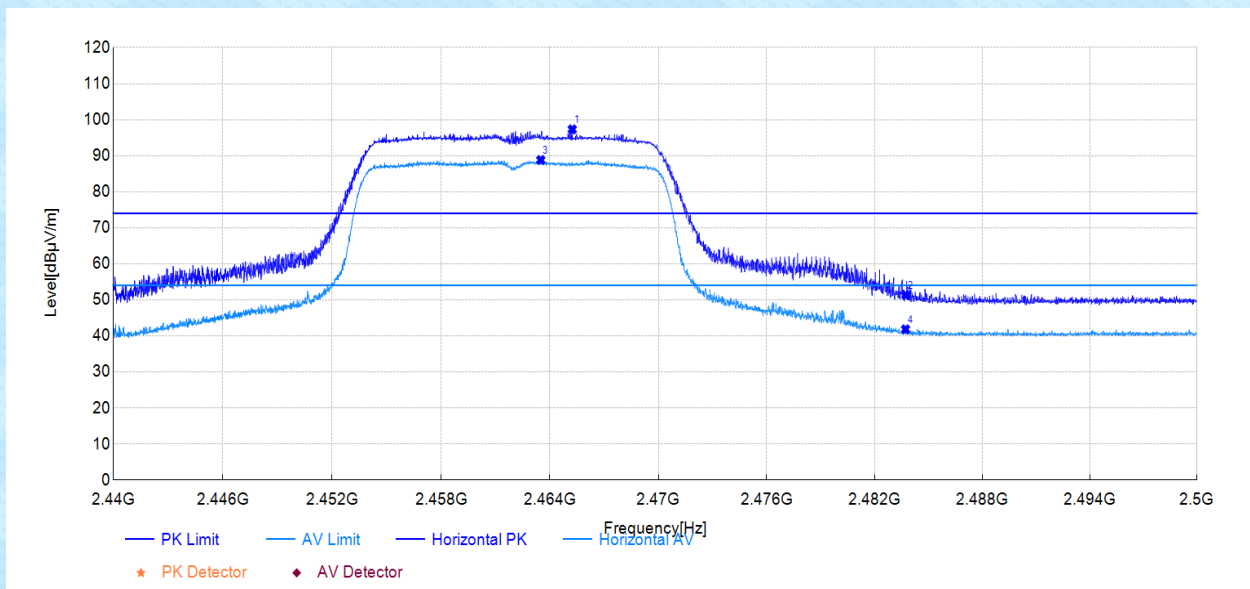
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2385.59	14.78	50.14	35.36	74.00	23.86	150	281	PK	Vertical	PASS
2	2415.09	58.74	94.20	35.46	/	/	150	64	PK	Vertical	PASS
3	2385.32	4.66	40.02	35.36	54.00	13.98	150	321	AV	Vertical	PASS
4	2417.19	50.79	86.27	35.48	/	/	150	68	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Electric bicycle	Model:	EB1
Test Date:	2026-06-01	Voltage:	DC 47.97V
Environment:	Temp: 23.6°C; Humi:41%	Engineer:	Jawb Cai
Remark:	Transmit by 802.11g at Channel 2462MHz		

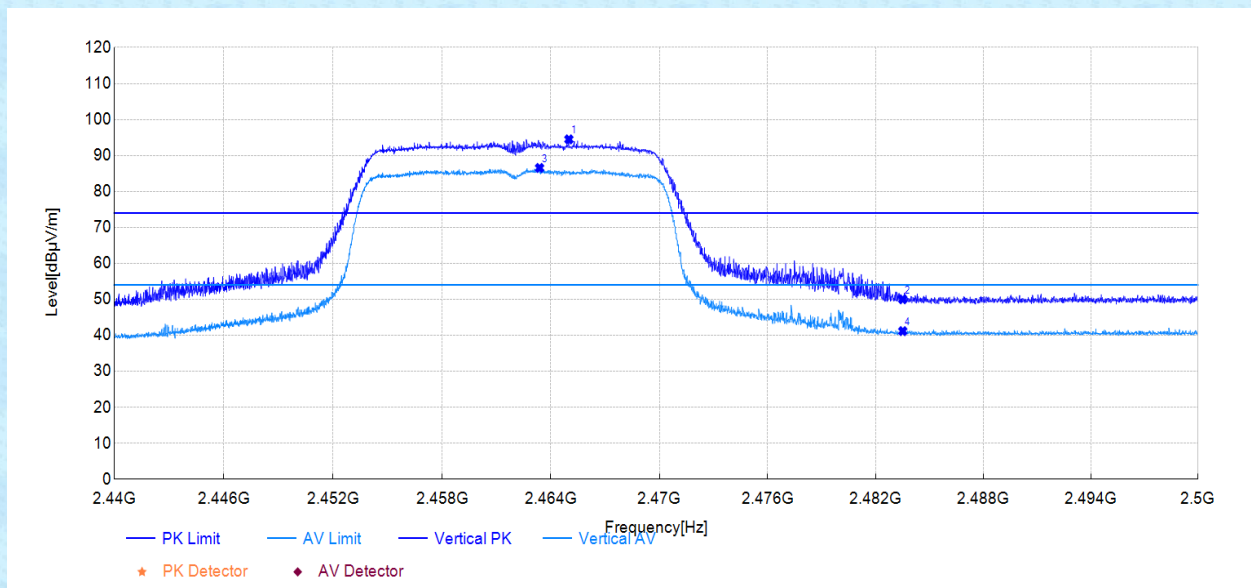


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2465.24	61.46	97.31	35.85	/	/	150	60	PK	Horizontal	PASS
2	2483.74	15.30	51.32	36.02	74.00	22.68	150	300	PK	Horizontal	PASS
3	2463.50	52.98	88.81	35.83	/	/	150	60	AV	Horizontal	PASS
4	2483.72	5.81	41.83	36.02	54.00	12.17	150	314	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



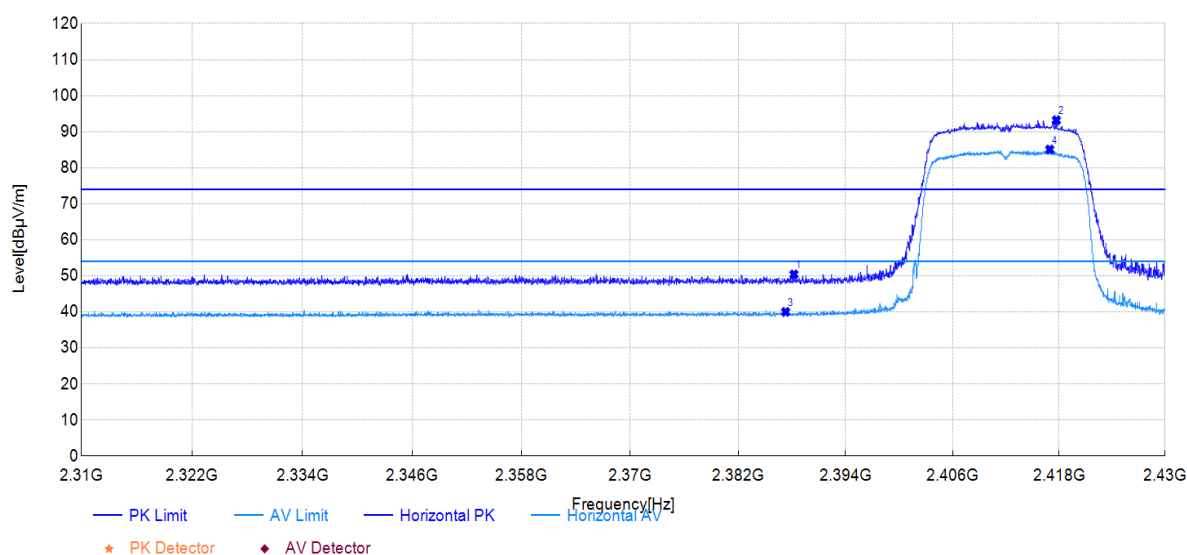
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2465.00	58.54	94.47	35.93	/	/	150	68	PK	Vertical	PASS
2	2483.51	13.92	50.02	36.10	74.00	23.98	150	54	PK	Vertical	PASS
3	2463.38	50.62	86.53	35.91	/	/	150	68	AV	Vertical	PASS
4	2483.51	5.07	41.17	36.10	54.00	12.83	150	187	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Electric bicycle	Model:	EB1
Test Date:	2026-06-01	Voltage:	DC 47.97V
Environment:	Temp: 23.6°C; Humi:41%	Engineer:	Jawb Cai
Remark:	Transmit by 802.11n-HT20 at Channel 2412MHz		

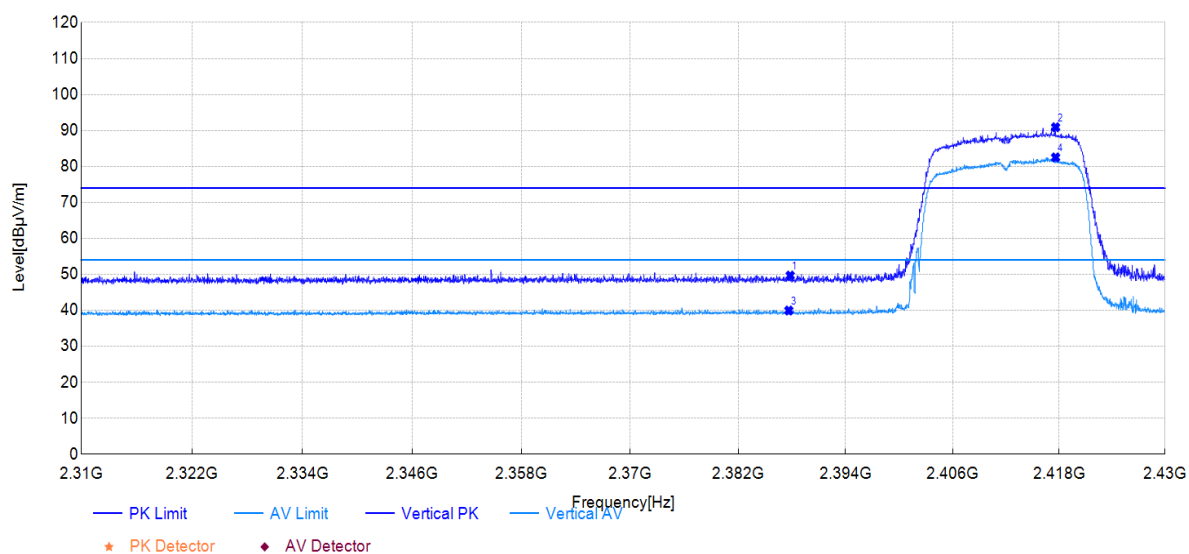


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.23	15.09	50.39	35.30	74.00	23.61	150	61	PK	Horizontal	PASS
2	2417.70	57.77	93.18	35.41	/	/	150	61	PK	Horizontal	PASS
3	2387.30	4.69	39.99	35.30	54.00	14.01	150	105	AV	Horizontal	PASS
4	2416.95	49.65	85.06	35.41	/	/	150	61	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



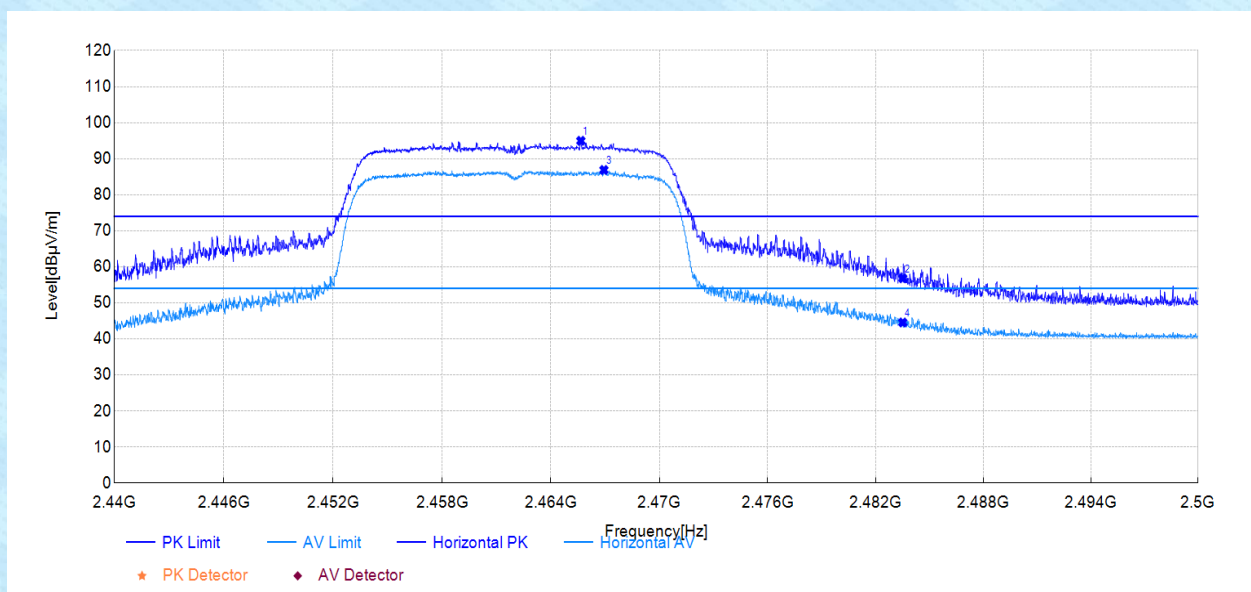
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2387.81	14.31	49.67	35.36	74.00	24.33	150	75	PK	Vertical	PASS
2	2417.61	55.42	90.90	35.48	/	/	150	64	PK	Vertical	PASS
3	2387.66	4.59	39.95	35.36	54.00	14.05	150	209	AV	Vertical	PASS
4	2417.61	47.03	82.51	35.48	/	/	150	64	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Electric bicycle	Model:	EB1
Test Date:	2026-06-01	Voltage:	DC 47.97V
Environment:	Temp: 23.6°C; Humi:41%	Engineer:	Jawb Cai
Remark:	Transmit by 802.11n-HT20 at Channel 2462MHz		

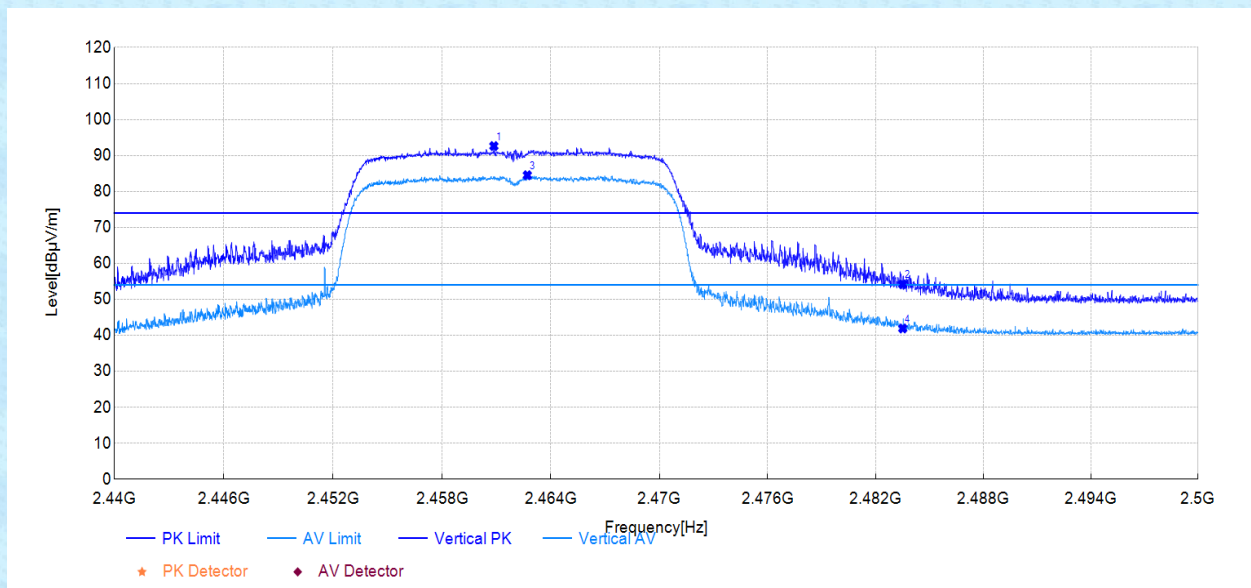


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2465.66	59.11	94.96	35.85	/	/	150	63	PK	Horizontal	PASS
2	2483.51	20.81	56.82	36.01	74.00	17.18	150	56	PK	Horizontal	PASS
3	2466.93	51.01	86.87	35.86	/	/	150	60	AV	Horizontal	PASS
4	2483.51	8.54	44.55	36.01	54.00	9.45	150	67	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



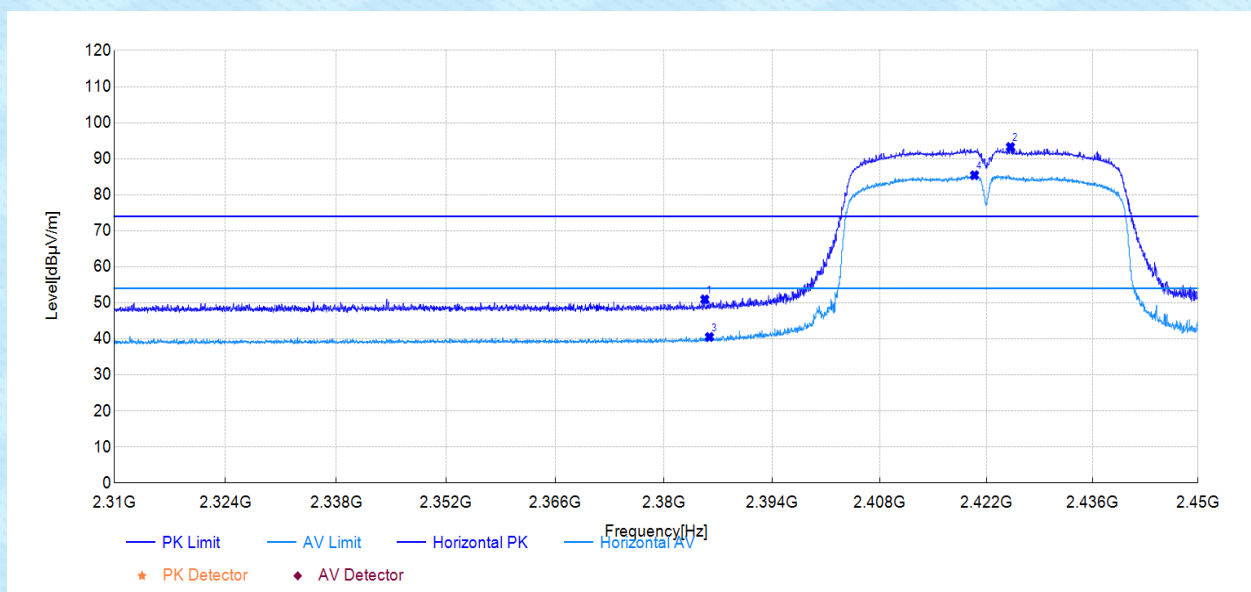
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2460.86	56.72	92.61	35.89	/	/	150	68	PK	Vertical	PASS
2	2483.51	18.09	54.19	36.10	74.00	19.81	150	68	PK	Vertical	PASS
3	2462.70	48.60	84.51	35.91	/	/	150	68	AV	Vertical	PASS
4	2483.51	5.81	41.91	36.10	54.00	12.09	150	68	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Electric bicycle	Model:	EB1
Test Date:	2026-06-01	Voltage:	DC 47.97V
Environment:	Temp: 23.6°C; Humi:41%	Engineer:	Jawb Cai
Remark:	Transmit by 802.11n-HT40 at Channel 2422MHz		

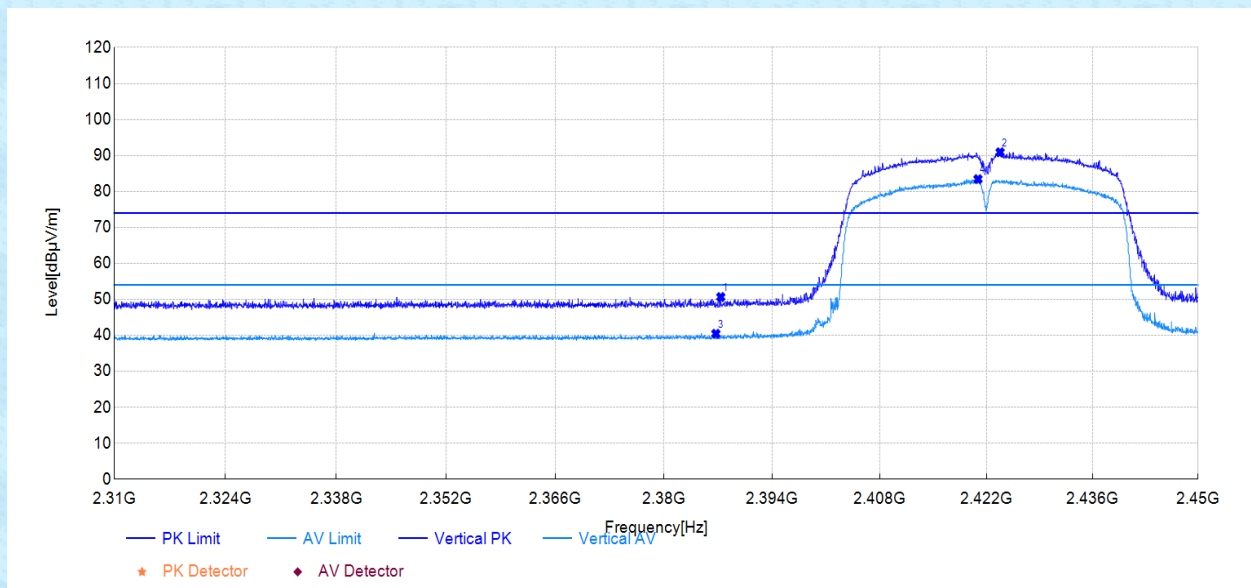


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2385.27	15.65	50.96	35.31	74.00	23.04	150	53	PK	Horizontal	PASS
2	2425.18	57.77	93.26	35.49	/	/	150	57	PK	Horizontal	PASS
3	2385.86	5.21	40.52	35.31	54.00	13.48	150	64	AV	Horizontal	PASS
4	2420.45	49.97	85.42	35.45	/	/	150	60	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



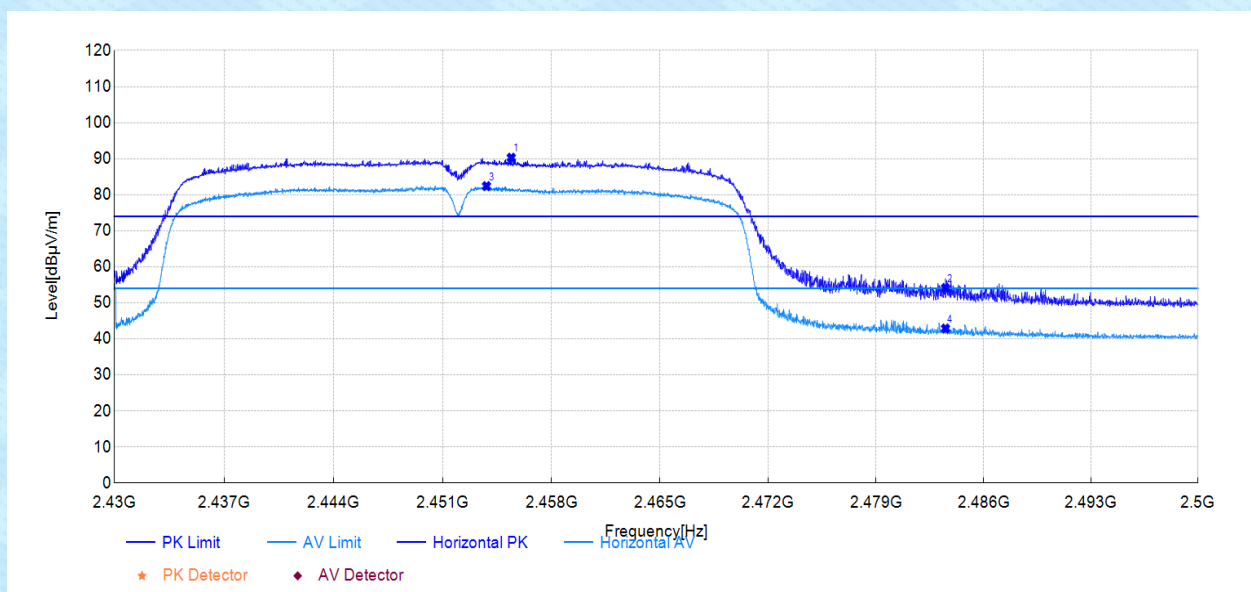
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2387.33	15.29	50.65	35.36	74.00	23.35	150	80	PK	Vertical	PASS
2	2423.81	55.35	90.89	35.54	/	/	150	66	PK	Vertical	PASS
3	2386.70	5.08	40.44	35.36	54.00	13.56	150	137	AV	Vertical	PASS
4	2420.91	47.90	83.42	35.52	/	/	150	66	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Electric bicycle	Model:	EB1
Test Date:	2026-06-01	Voltage:	DC 47.97V
Environment:	Temp: 23.6°C; Humi:41%	Engineer:	Jawb Cai
Remark:	Transmit by 802.11n-HT40 at Channel 2452MHz		

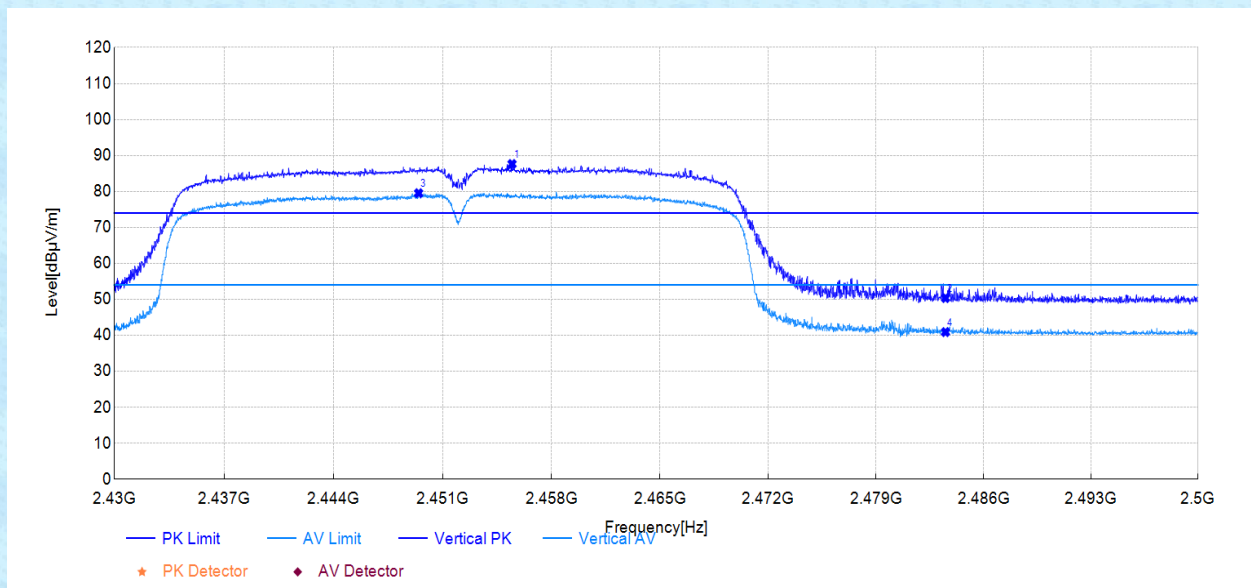


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2455.42	54.53	90.29	35.76	/	/	150	63	PK	Horizontal	PASS
2	2483.51	18.09	54.10	36.01	74.00	19.90	150	63	PK	Horizontal	PASS
3	2453.82	46.65	82.40	35.75	/	/	150	60	AV	Horizontal	PASS
4	2483.51	6.87	42.88	36.01	54.00	11.12	150	63	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) $\text{Margin} = \text{Limit} - \text{Level}$



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2455.47	51.79	87.63	35.84	/	/	150	67	PK	Vertical	PASS
2	2483.51	14.27	50.37	36.10	74.00	23.63	150	32	PK	Vertical	PASS
3	2449.46	43.73	79.52	35.79	/	/	150	67	AV	Vertical	PASS
4	2483.51	4.81	40.91	36.10	54.00	13.09	150	129	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II and appendix III** for details.

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