

RF Test Report

(2.4G Wi-Fi)

Report No.: JYTSZ-R12-2600160

Applicant: Earda Technologies Co.,Ltd

Address of Applicant: Block A,LianFeng Creative Industry Park,2 JiSheng Road.,
HuangGe Town,NanSha District,Guangzhou,PRC

Equipment Under Test (EUT)

Product Name: Wi-Fi6+BT5.3 Combo Module

Model No.: EWN-8852DET3CA

Trade Mark: N/A

FCC ID: 2AMM6-EWN8852DET3CA

Applicable Standards: FCC CFR Title 47 Part 15C (§15.247)

Date of Sample Receipt: 31 Mar., 2026

Date of Test: 01 Apr., to 25 May., 2026

Date of Report Issued: 26 May, 2026

Test Result: PASS

Project by:

Alan Chen
Project Engineer

Date:

26 May, 2026

Reviewed by:

Octo Chang
Senior Engineer

Date:

26 May, 2026

Approved by:

Janet Wei
Manager

Date:

26 May, 2026

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

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1 Version

Version No.	Date	Description
00	26 May, 2026	Original

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3 General Information

3.1 Client Information

Applicant:	Earda Technologies Co.,Ltd
Address:	Block A,LianFeng Creative Industry Park,2 JiSheng Road., HuangGe Town,NanSha District,Guangzhou,PRC
Manufacturer:	Earda Technologies Co.,Ltd
Address:	Block A,LianFeng Creative Industry Park,2 JiSheng Road., HuangGe Town,NanSha District,Guangzhou,PRC
Factory:	Earda Technologies Co.,Ltd
Address:	Block A,LianFeng Creative Industry Park,2 JiSheng Road., HuangGe Town,NanSha District,Guangzhou,PRC

3.2 General Description of E.U.T.

Product Name:	Wi-Fi6+BT5.3 Combo Module
Model No.:	EWN-8852DET3CA
Operation Frequency:	2412 MHz - 2462 MHz (802.11b, g, n-HT20, ax-HE20) 2422 MHz - 2452 MHz (802.11n-HT40, ax-HE40)
Channel Numbers:	11 (802.11b, g, n-HT20, ax-HE20) 7 (802.11n-HT40, ax-HE40)
Channel Separation:	5MHz
Modulation Technology: (IEEE 802.11b)	DSSS-DBPSK, DQPSK, CCK
Modulation Technology: (IEEE 802.11g/802.11n)	OFDM-BPSK, QPSK, 16QAM, 64QAM
Modulation Technology: (IEEE 802.11ax)	OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Antenna Type:	FPC Antenna
Antenna Gain:	ANT 1~ANT 2: -0.94 dBi (declare by Applicant)
Antenna Transmit Mode:	MIMO (2TX, 2RX)
Power Supply:	DC 5V
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

3.3 Disclaimer

Disclaimer:
For the information or data provided by the client in this report, the relevant results or conclusions of this report are only made for these data or information. The testing laboratory is not responsible for the authenticity and accuracy of these data or information.

3.4 Test Mode and Environment

Test Mode:	
Transmitting mode:	Keep the EUT in continuous transmitting with modulation
Per-scan all kind of data rate, the follow list were the worst case:	
Mode	Data rate
802.11b	1Mbps
802.11g	6Mbps
802.11n-HT20	6.5Mbps
802.11n-HT40	13.5Mbps
802.11ax-HE20	8.6Mbps
802.11ax-HE40	17.2Mbps
Remark:	
- For the radiation interference below the 1GHz frequency band, after a pre-scan of the 802.11b, g, n, and ax modulation modes, it was found that the 802.11b modulation mode and the lowest channel mode were the worst cases. This report only reflects the test data under the worst conditions. - Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report. - During the testing process, the tested equipment was connected to the computing device via the UART port and controlled through the software AX Series MPToolkit. transmission power level is set as follows: The 802.11b mode transmission power level is 19, the 802.11g/n20mode prototype transmission power level is 17, the 802.11ax20 mode prototype transmission power level is 16 and the 802.11n40/ax40 mode prototype transmission power level is 14.	
Operating Environment:	
Temperature:	15°C ~ 35°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 5.0Vdc
Test Engineer:	Hopper Li(Conducted measurement) Reiy Ren(Radiated measurement)

3.5 Description of Test Auxiliary Equipment

The EUT has been tested as an independent unit.

3.6 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Occupied Channel Bandwidth	0.114 MHz
RF output power, conducted	0.71 dB
Power Spectral Density, conducted	0.70 dB
Unwanted Emissions, conducted	2.76 dB
Radiated Emission (9kHz ~ 30MHz) (3m SAC)	2.1 dB
Radiated Emission (30MHz ~ 200MHz) (3m SAC)	4.7 dB
Radiated Emission (200MHz ~ 1000MHz) (3m SAC)	5.8 dB
Radiated Emission (30MHz ~ 1GHz) (3m FAR)	4.10 dB
Radiated Emission (1GHz ~ 18GHz) (3m FAR)	5.28 dB
Radiated Emission (18GHz ~ 40GHz) (3m FAR)	5.18 dB
Note: All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.	

3.7 Additions to, Deviations, or Exclusions from the Method

No

3.8 Laboratory Facility

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

- **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

- **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

- **CNAS - Registration No.: CNAS L15527**

JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.

- **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

3.9 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

3.10 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	12-09-2025	12-08-2030
Loop Antenna	Schwarzbeck	FMZB 1519 B	WXJ002-4	12-07-2025	12-06-2026
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	08-09-2025	08-08-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	12-07-2025	12-06-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-07-2025	12-06-2026
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	12-04-2025	12-03-2026
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	12-04-2025	12-03-2026
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-05-2025	12-04-2026
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	12-04-2025	12-03-2026
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-04-2025	12-03-2026
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ004-2	08-08-2025	08-07-2026
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-14-2026	01-13-2027
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-14-2026	01-13-2027
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG001-7	01-14-2026	01-13-2027
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Test Software	Tonscend	TS+	Version: 3.0.0.1		

Radiated Emission(3m FAR):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m FAR	YUNYI	9m*6m*6m	WXJ097	06-15-2023	06-14-2028
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ097-2	04-24-2025	04-23-2026
				04-13-2026	04-12-2027
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-01-2024	06-30-2027
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ097-3	05-23-2025	05-22-2026
				04-30-2026	04-29-2027
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	12-07-2025	12-06-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-07-2025	12-06-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	12-07-2025	12-06-2026
Pre-amplifier (30MHz ~ 1GHz)	YUNYI	PAM-310N	WXJ097-5	03-30-2026	03-29-2027
Pre-amplifier (1GHz ~ 18GHz)	YUNYI	PAM-118N	WXJ097-6	03-30-2026	03-29-2027
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-05-2025	12-04-2026
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	12-04-2025	12-03-2026
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-04-2025	12-03-2026
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ004-3	08-08-2025	08-07-2026
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-13M	WXG097-1	07-28-2025	07-27-2026
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG097-2	07-28-2025	07-27-2026
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG097-3	07-28-2025	07-27-2026
High Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Low Band Reject Filter Group	Tonscend	JS0806-F	WXJ097-4	N/A	
Test Software	Tonscend	TS+	Version: 5.0.0		

Conducted Method:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
Spectrum Analyzer	Keysight	N9010B	WXJ004-3	08-08-2025	08-07-2026
Temperature Humidity Chamber	ZHONG ZHI	CZ-A-80D	WXJ032-3	12-17-2024	12-16-2026
Power Detector Box	MWRFTTEST	MW100-PSB	WXJ007-4	08-08-2025	08-07-2026
DC Power Supply	Keysight	E3642A	WXJ025-2	N/A	
RF Control Unit	MWRFTTEST	MW100-RFCB	WXG006	N/A	
Test Software	MWRFTTEST	MTS 8310	Version: 2.0.0.0		

4 Measurement Setup and Procedure

4.1 Test Channel

According to ANSI C63.10-2020 chapter 5.6.1 Table 11 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

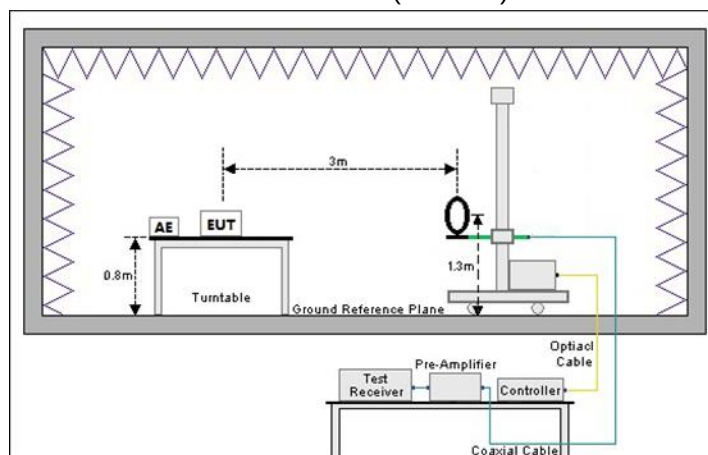
802.11b, 802.11g, 802.11n-HT20, 802.11ax-HE20					
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	2412	6	2437	11	2462

802.11n-HT40, 802.11ax-HE40					
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
3	2422	6	2437	9	2452

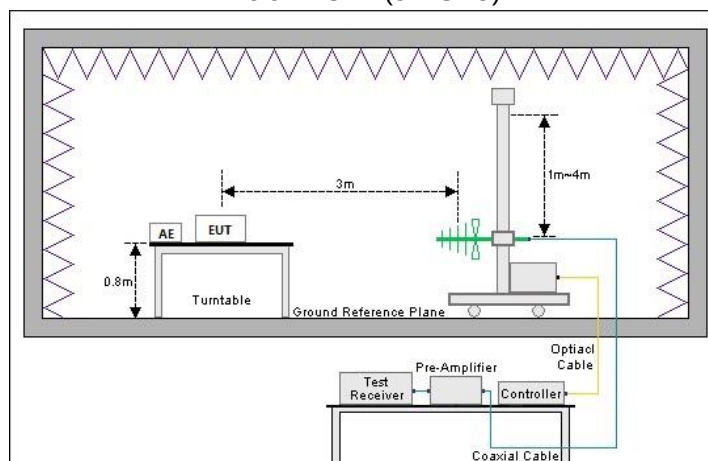
4.2 Test Setup

1) Radiated emission measurement:

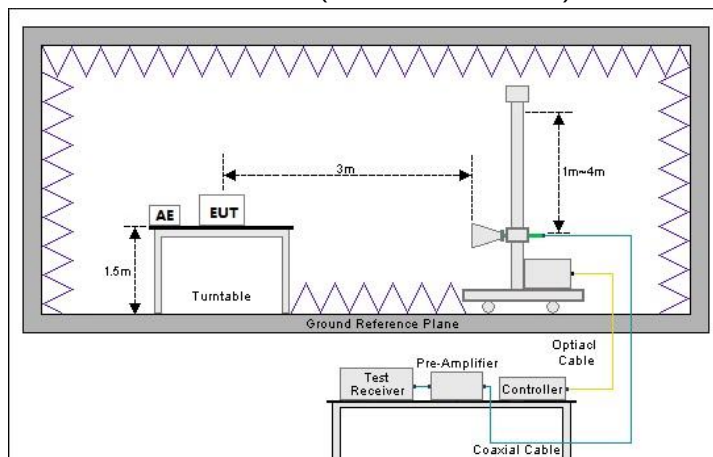
Below 30MHz (3m SAC)



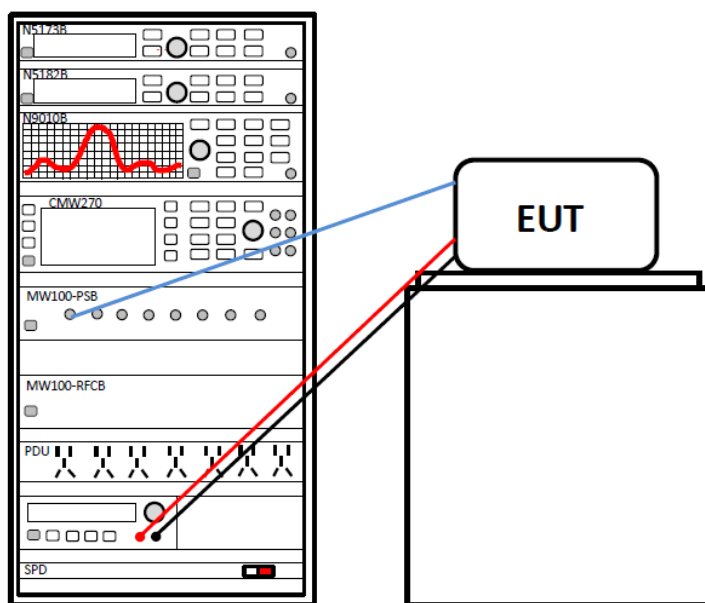
Below 1GHz (3m SAC)



Above 1GHz (3m SAC or 3m FAR)



2) Conducted test method



4.3 Test Procedure

Test method	Test step
Radiated emission	For below 30MHz: 1. The EUT was placed on the table top of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. For below 1GHz: 1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. For above 1GHz: 1. The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
Conducted test method	1. The Wi-Fi antenna port of EUT was connected to the test port of the test system through an RF cable. 2. The EUT is keeping in continuous transmission mode and tested in all modulation modes. 3. Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software.

5 Test Results

5.1 Summary

5.1.1 Clause and Data Summary

Test items	Standard clause	Test Method	Test data	Result
Antenna Requirement	15.203 15.247 (b)(4)	/	See Section 5.2	Pass
AC Power Line Conducted Emission	15.207	ANSI C63.10 clause 6.2	N/A	N/A
Duty Cycle	ANSI C63.10-2013	ANSI C63.10 clause 11.6	Appendix – 2.4G Wi-Fi	Pass
Conducted Output Power	15.247 (b)(3)	ANSI C63.10 clause 11.9.2.3.2	Appendix – 2.4G Wi-Fi	Pass
6dB Emission Bandwidth 99% Occupied Bandwidth	15.247 (a)(2)	ANSI C63.10 clause 11.8.1 and 6.9.3	Appendix – 2.4G Wi-Fi	Pass
Power Spectral Density	15.247 (e)	ANSI C63.10 clause 11.10.5	Appendix – 2.4G Wi-Fi	Pass
Band-edge Emission Conduction Spurious Emission	15.247 (d)	ANSI C63.10 clause 6.10.4	Appendix – 2.4G Wi-Fi	Pass
Emissions in Restricted Frequency Bands	15.205 15.247 (d)	ANSI C63.10 clause 6.10.5, 11.12.1 and 11.12.2.5.2	See Section 5.3	Pass
Emissions in Non-restricted Frequency Bands	15.209 15.247(d)	ANSI C63.10 clause 6.3, 6.5, 6.6, 6.2.3 and 11.12.2.5.2	See Section 5.4	Pass
Remark: 1. Pass: The EUT complies with the essential requirements in the standard. 2. N/A: Not Applicable. 3. The cable insertion loss used by "RF Output Power" and other conduction measurement items is 0.5dB (provided by the customer).				
Test Method:	ANSI C63.10-2020 KDB 558074 D01 15.247 Meas Guidance v05r02			

5.1.2 Test Limit

Test items	Limit																																								
Conducted Output Power	For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt.																																								
6dB Emission Bandwidth	The minimum 6 dB bandwidth shall be at least 500 kHz.																																								
99% Occupied Bandwidth	N/A																																								
Power Spectral Density	For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.																																								
Band-edge Emission Conduction Spurious Emission	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 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, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).																																								
Emissions in Restricted Frequency Bands Emissions in Non-restricted Frequency Bands	<table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBµV/m)</th><th rowspan="2">Detector</th></tr><tr><th>@ 3m</th><th>@ 10m</th></tr><tr><td>30 – 88</td><td>40.0</td><td>30.0</td><td>Quasi-peak</td></tr><tr><td>88 – 216</td><td>43.5</td><td>33.5</td><td>Quasi-peak</td></tr><tr><td>216 – 960</td><td>46.0</td><td>36.0</td><td>Quasi-peak</td></tr><tr><td>960 – 1000</td><td>54.0</td><td>44.0</td><td>Quasi-peak</td></tr><tr><td colspan="4">Note: The more stringent limit applies at transition frequencies.</td></tr><tr><th rowspan="2">Frequency</th><th colspan="2">Limit (dBµV/m) @ 3m</th><th rowspan="2">Peake</th></tr><tr><th colspan="2">Average</th></tr><tr><td>Above 1 GHz</td><td colspan="2">54.0</td><td>74.0</td></tr><tr><td colspan="4">Note: The measurement bandwidth shall be 1 MHz or greater.</td></tr></table>	Frequency (MHz)	Limit (dBµV/m)		Detector	@ 3m	@ 10m	30 – 88	40.0	30.0	Quasi-peak	88 – 216	43.5	33.5	Quasi-peak	216 – 960	46.0	36.0	Quasi-peak	960 – 1000	54.0	44.0	Quasi-peak	Note: The more stringent limit applies at transition frequencies.				Frequency	Limit (dBµV/m) @ 3m		Peake	Average		Above 1 GHz	54.0		74.0	Note: The measurement bandwidth shall be 1 MHz or greater.			
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216 – 960	46.0	36.0	Quasi-peak																																						
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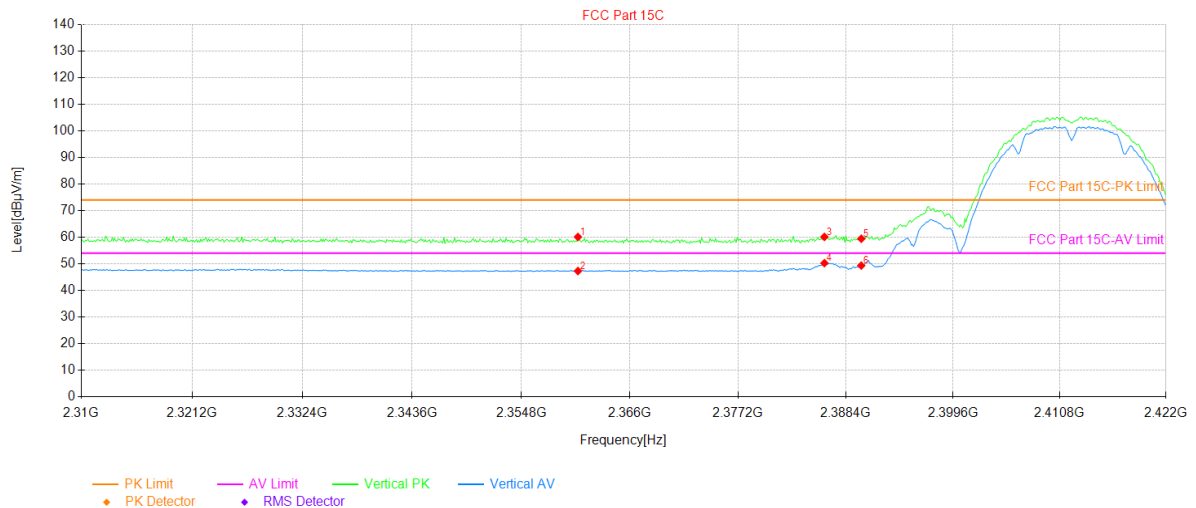
5.2 Antenna Requirement

Standard Requirement:	FCC Part 15 C Section 15.203/15.247 (b)(4)
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 (b)(4) requirement: 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.	
E.U.T Antenna:	
This Wi-Fi antenna is a FPC antenna. The end users can replace it according to their needs. The best case gain of the antenna are ANT 1~ANT 2: -0.94 dBi. The best case gain of MIMO mode is: $-0.94+10*\log_{10}(2) = -0.94+3.01=2.07$ dBi.	

5.3 Emissions in Restricted Frequency Bands

ANT1:

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



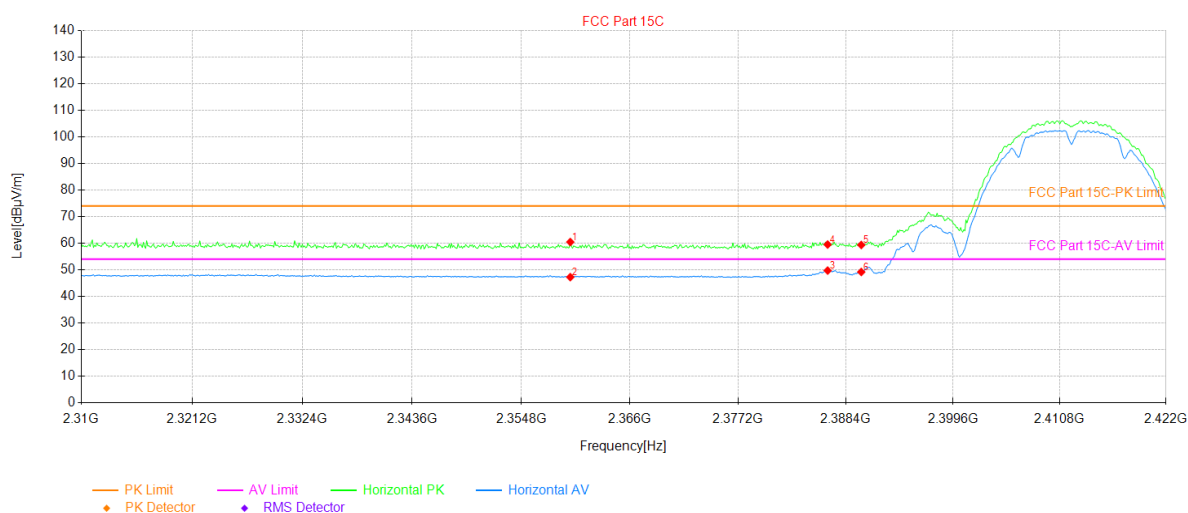
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2360.62	23.97	36.10	60.07	74.00	13.93	4	PK	PASS	Vertical
2	2360.62	11.18	36.10	47.28	54.00	6.72	202	AV	PASS	Vertical
3	2386.16	23.91	36.18	60.09	74.00	13.91	214	PK	PASS	Vertical
4	2386.16	14.07	36.18	50.25	54.00	3.75	303	AV	PASS	Vertical
5	2390.00	23.22	36.19	59.41	74.00	14.59	180	PK	PASS	Vertical
6	2390.00	13.14	36.19	49.33	54.00	4.67	299	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		

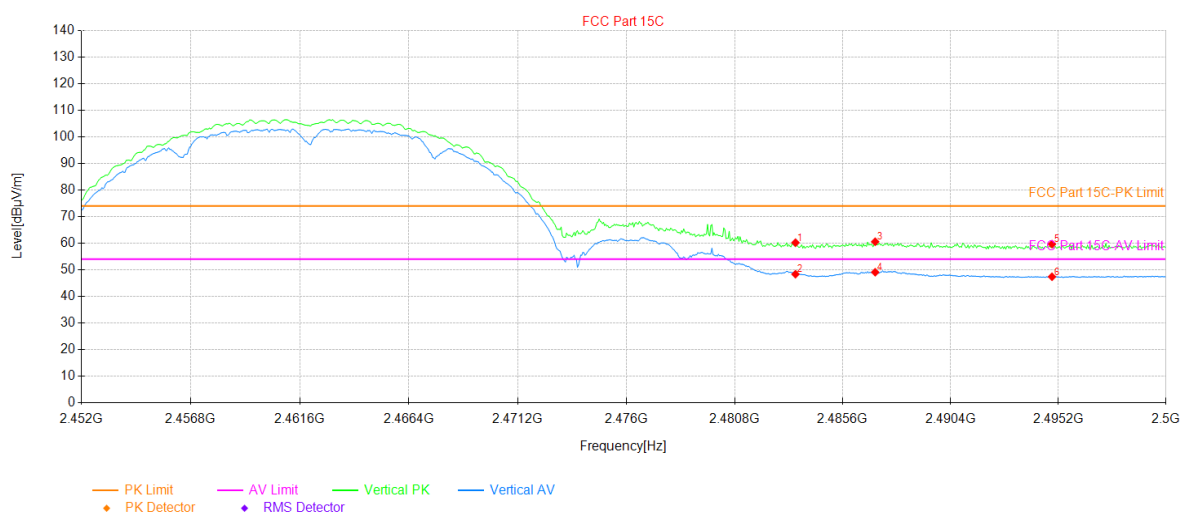


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2359.84	24.34	36.10	60.44	74.00	13.56	274	PK	PASS	Horizontal
2	2359.84	11.14	36.10	47.24	54.00	6.76	300	AV	PASS	Horizontal
3	2386.50	13.53	36.18	49.71	54.00	4.29	64	AV	PASS	Horizontal
4	2386.50	23.31	36.18	59.49	74.00	14.51	210	PK	PASS	Horizontal
5	2390.00	23.13	36.19	59.32	74.00	14.68	57	PK	PASS	Horizontal
6	2390.00	12.99	36.19	49.18	54.00	4.82	64	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



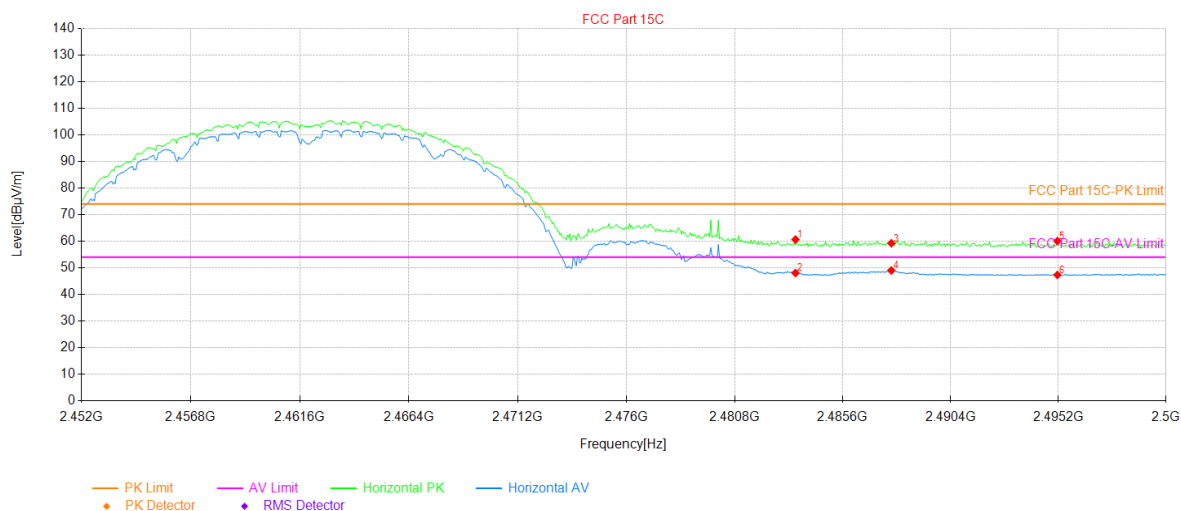
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	23.95	36.24	60.19	74.00	13.81	358	PK	PASS	Vertical
2	2483.50	12.10	36.24	48.34	54.00	5.66	326	AV	PASS	Vertical
3	2487.04	24.27	36.27	60.54	74.00	13.46	233	PK	PASS	Vertical
4	2487.04	12.81	36.27	49.08	54.00	4.92	237	AV	PASS	Vertical
5	2494.91	23.29	36.34	59.63	74.00	14.37	52	PK	PASS	Vertical
6	2494.91	11.04	36.34	47.38	54.00	6.62	259	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		

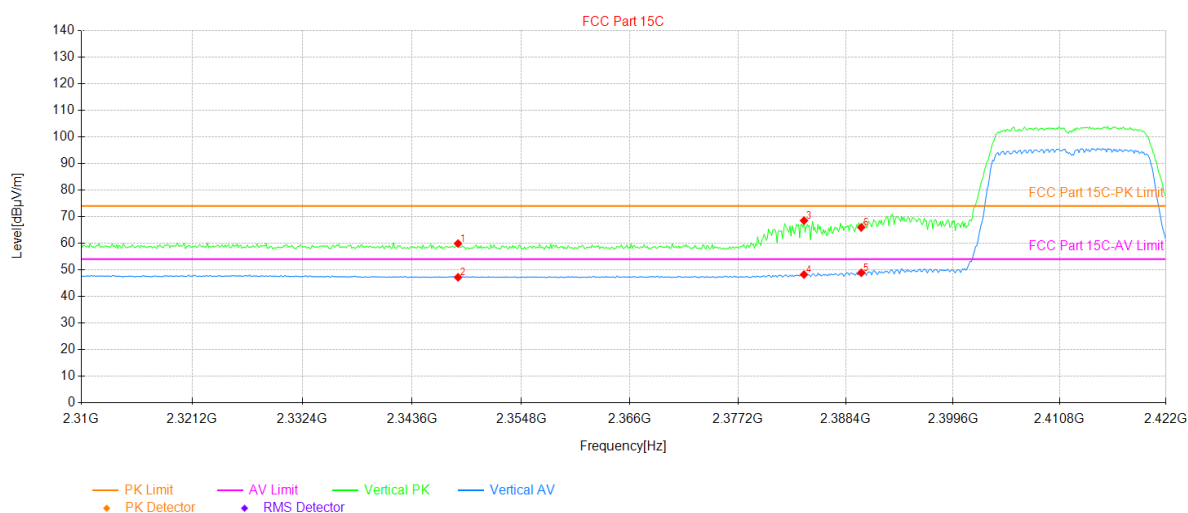


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	24.38	36.24	60.62	74.00	13.38	276	PK	PASS	Horizontal
2	2483.50	11.80	36.24	48.04	54.00	5.96	336	AV	PASS	Horizontal
3	2487.76	22.93	36.28	59.21	74.00	14.79	69	PK	PASS	Horizontal
4	2487.76	12.72	36.28	49.00	54.00	5.00	163	AV	PASS	Horizontal
5	2495.15	23.72	36.34	60.06	74.00	13.94	357	PK	PASS	Horizontal
6	2495.15	10.97	36.34	47.31	54.00	6.69	246	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



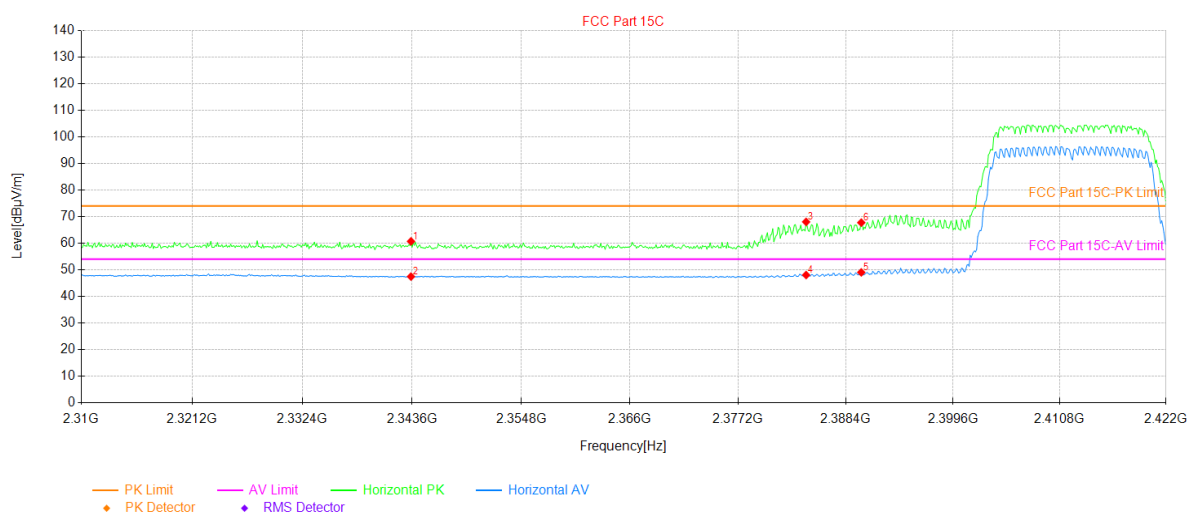
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2348.30	23.79	36.06	59.85	74.00	14.15	126	PK	PASS	Vertical
2	2348.30	11.12	36.06	47.18	54.00	6.82	258	AV	PASS	Vertical
3	2384.03	32.32	36.17	68.49	74.00	5.51	295	PK	PASS	Vertical
4	2384.03	12.03	36.17	48.20	54.00	5.80	292	AV	PASS	Vertical
5	2390.00	12.69	36.19	48.88	54.00	5.12	300	AV	PASS	Vertical
6	2390.00	29.75	36.19	65.94	74.00	8.06	295	PK	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		



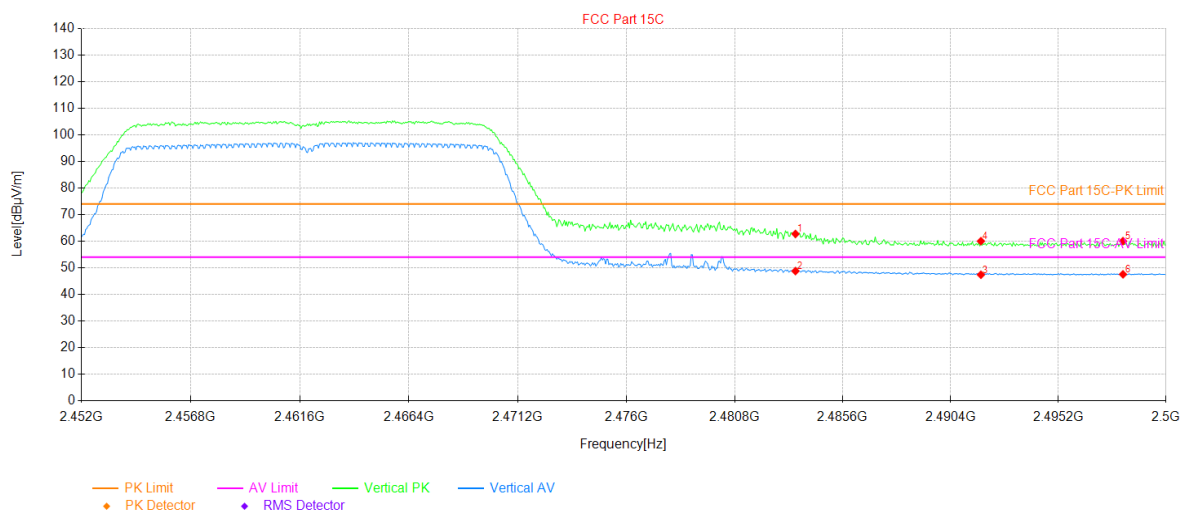
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2343.49	24.62	36.05	60.67	74.00	13.33	263	PK	PASS	Horizontal
2	2343.49	11.39	36.05	47.44	54.00	6.56	278	AV	PASS	Horizontal
3	2384.26	31.83	36.17	68.00	74.00	6.00	72	PK	PASS	Horizontal
4	2384.26	11.86	36.17	48.03	54.00	5.97	2	AV	PASS	Horizontal
5	2390.00	12.83	36.19	49.02	54.00	4.98	64	AV	PASS	Horizontal
6	2390.00	31.53	36.19	67.72	74.00	6.28	64	PK	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



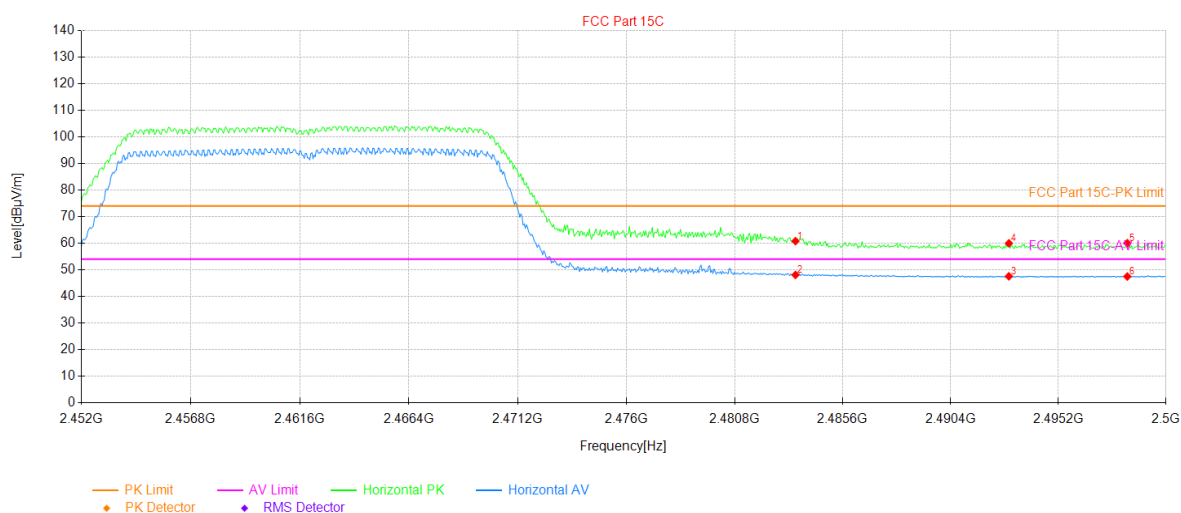
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	26.47	36.24	62.71	74.00	11.29	344	PK	PASS	Vertical
2	2483.50	12.53	36.24	48.77	54.00	5.23	344	AV	PASS	Vertical
3	2491.74	11.08	36.31	47.39	54.00	6.61	204	AV	PASS	Vertical
4	2491.74	23.70	36.31	60.01	74.00	13.99	204	PK	PASS	Vertical
5	2498.08	23.66	36.36	60.02	74.00	13.98	204	PK	PASS	Vertical
6	2498.08	11.18	36.36	47.54	54.00	6.46	238	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		



Suspected Data List

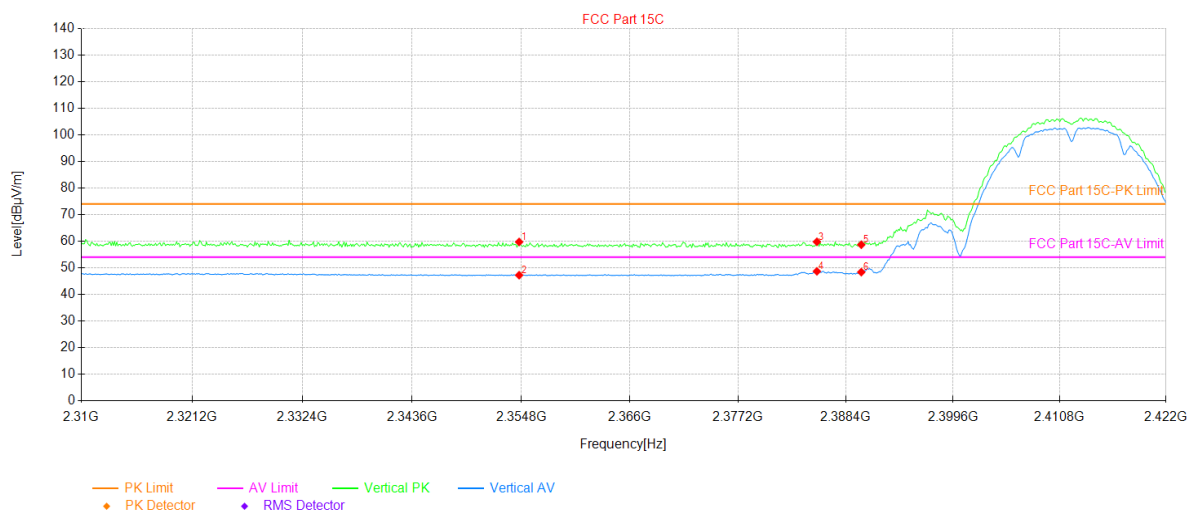
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	24.53	36.24	60.77	74.00	13.23	323	PK	PASS	Horizontal
2	2483.50	11.83	36.24	48.07	54.00	5.93	338	AV	PASS	Horizontal
3	2492.99	11.23	36.32	47.55	54.00	6.45	162	AV	PASS	Horizontal
4	2492.99	23.63	36.32	59.95	74.00	14.05	105	PK	PASS	Horizontal
5	2498.27	23.63	36.36	59.99	74.00	14.01	267	PK	PASS	Horizontal
6	2498.27	11.11	36.36	47.47	54.00	6.53	226	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

ANT2:

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



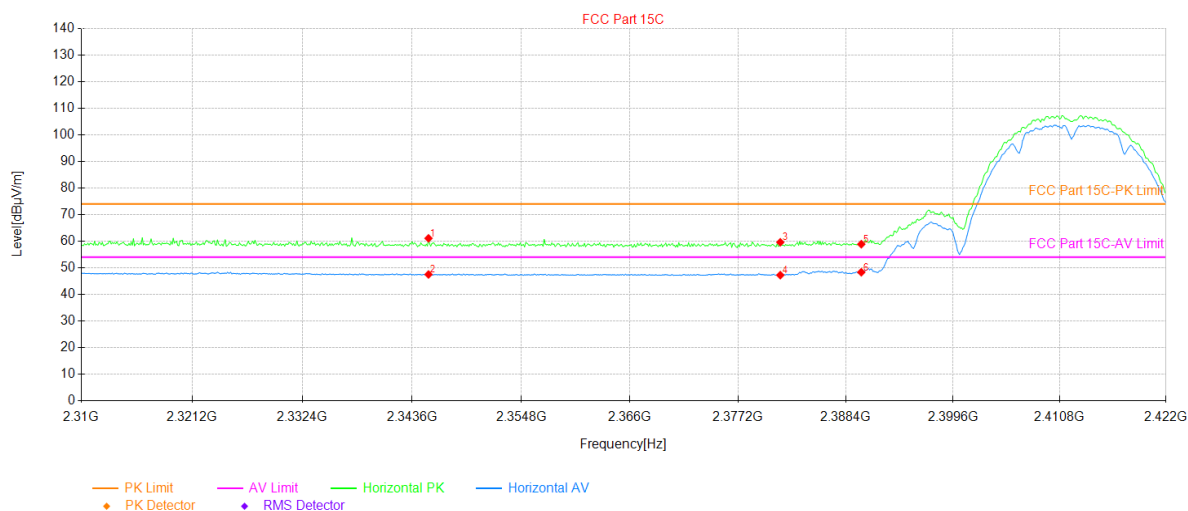
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2354.58	23.62	36.08	59.70	74.00	14.30	64	PK	PASS	Vertical
2	2354.58	11.14	36.08	47.22	54.00	6.78	233	AV	PASS	Vertical
3	2385.38	23.59	36.18	59.77	74.00	14.23	274	PK	PASS	Vertical
4	2385.38	12.49	36.18	48.67	54.00	5.33	304	AV	PASS	Vertical
5	2390.00	22.48	36.19	58.67	74.00	15.33	105	PK	PASS	Vertical
6	2390.00	12.18	36.19	48.37	54.00	5.63	300	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		

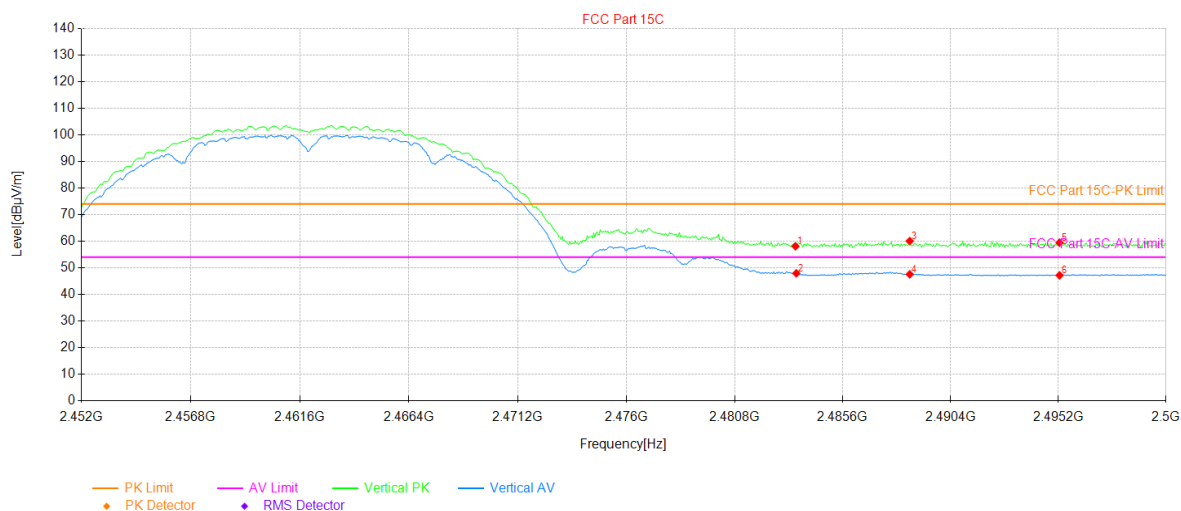


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2345.28	25.00	36.06	61.06	74.00	12.94	267	PK	PASS	Horizontal
2	2345.28	11.44	36.06	47.50	54.00	6.50	230	AV	PASS	Horizontal
3	2381.57	23.43	36.16	59.59	74.00	14.41	358	PK	PASS	Horizontal
4	2381.57	11.08	36.16	47.24	54.00	6.76	358	AV	PASS	Horizontal
5	2390.00	22.67	36.19	58.86	74.00	15.14	8	PK	PASS	Horizontal
6	2390.00	12.14	36.19	48.33	54.00	5.67	184	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



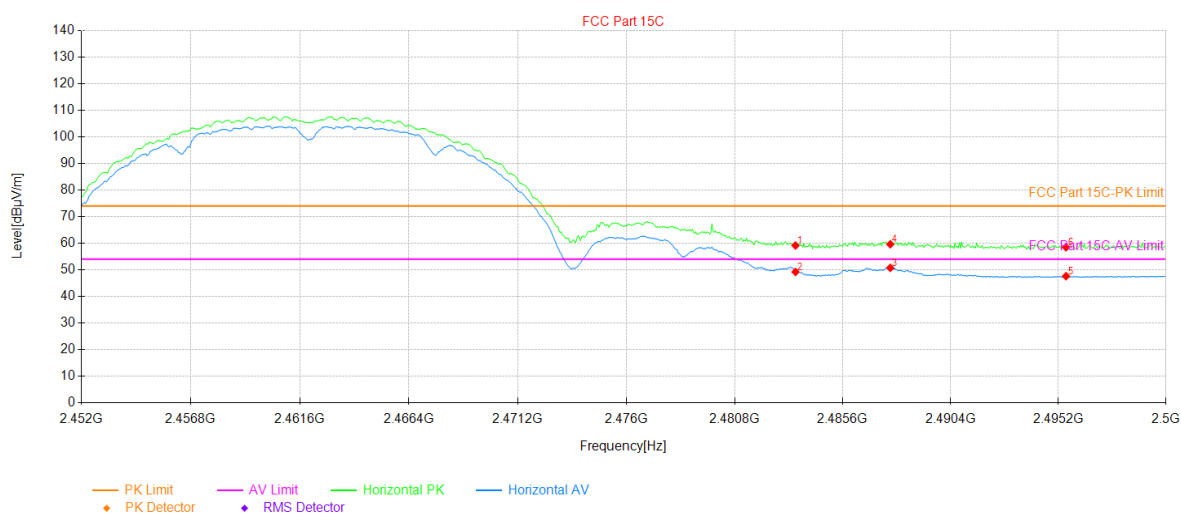
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	21.84	36.24	58.08	74.00	15.92	165	PK	PASS	Vertical
2	2483.54	11.67	36.24	47.91	54.00	6.09	69	AV	PASS	Vertical
3	2488.58	23.77	36.28	60.05	74.00	13.95	284	PK	PASS	Vertical
4	2488.58	11.28	36.28	47.56	54.00	6.44	65	AV	PASS	Vertical
5	2495.25	23.09	36.34	59.43	74.00	14.57	207	PK	PASS	Vertical
6	2495.25	10.82	36.34	47.16	54.00	6.84	211	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		

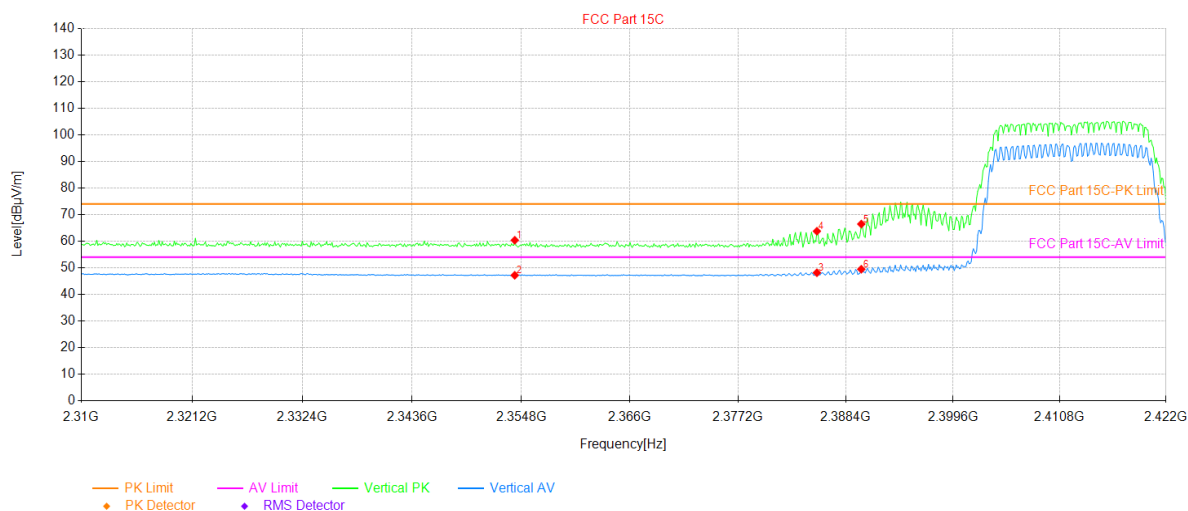


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.88	36.24	59.12	74.00	14.88	324	PK	PASS	Horizontal
2	2483.50	12.94	36.24	49.18	54.00	4.82	2	AV	PASS	Horizontal
3	2487.71	14.44	36.28	50.72	54.00	3.28	340	AV	PASS	Horizontal
4	2487.71	23.32	36.28	59.60	74.00	14.40	360	PK	PASS	Horizontal
5	2495.54	11.25	36.34	47.59	54.00	6.41	243	AV	PASS	Horizontal
6	2495.54	22.13	36.34	58.47	74.00	15.53	35	PK	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



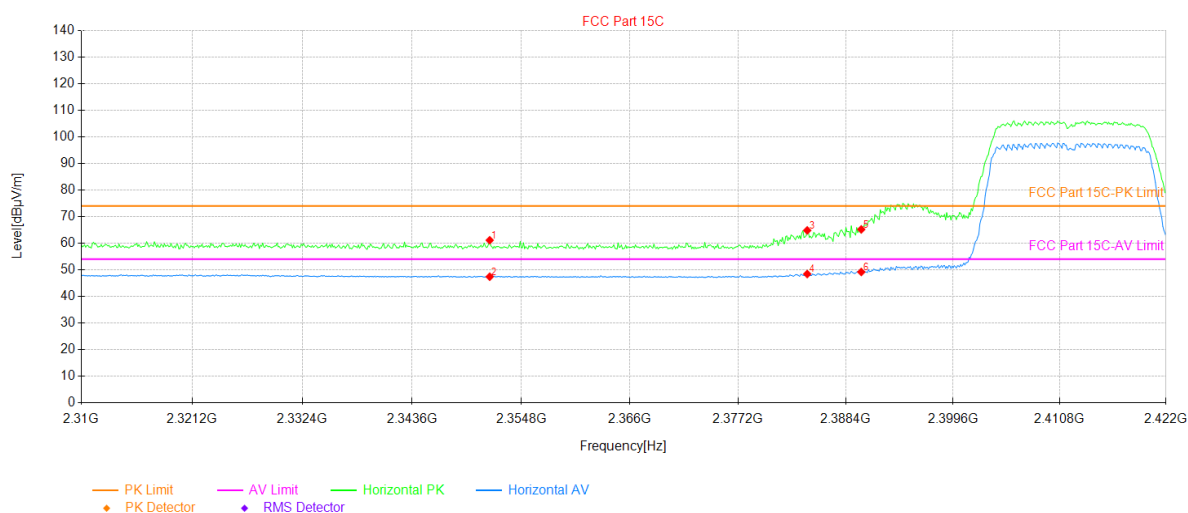
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2354.13	24.28	36.08	60.36	74.00	13.64	24	PK	PASS	Vertical
2	2354.13	11.10	36.08	47.18	54.00	6.82	240	AV	PASS	Vertical
3	2385.38	11.96	36.18	48.14	54.00	5.86	297	AV	PASS	Vertical
4	2385.38	27.57	36.18	63.75	74.00	10.25	300	PK	PASS	Vertical
5	2390.00	30.24	36.19	66.43	74.00	7.57	300	PK	PASS	Vertical
6	2390.00	13.27	36.19	49.46	54.00	4.54	300	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		

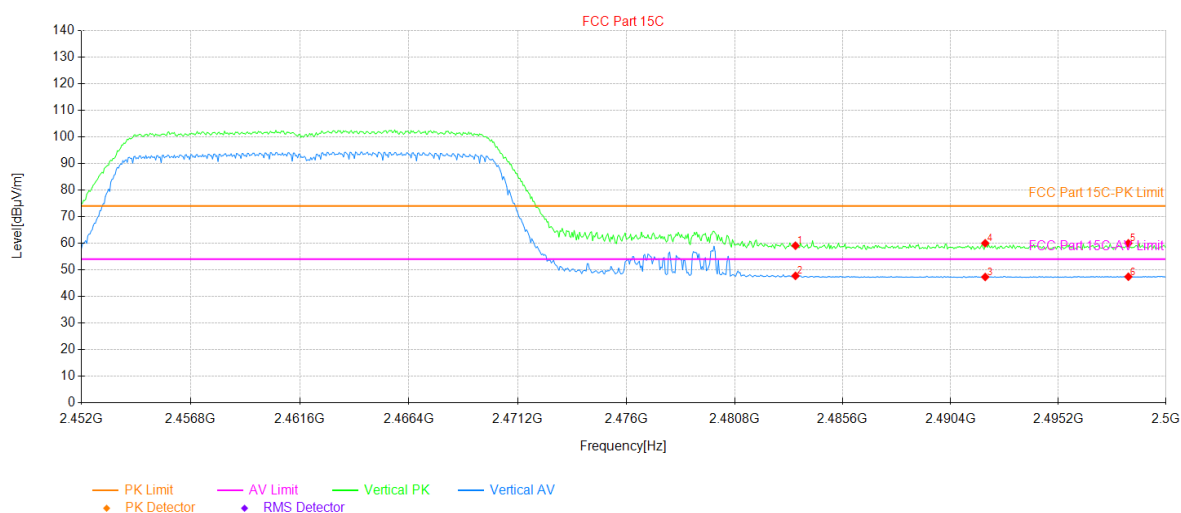


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2351.55	25.04	36.07	61.11	74.00	12.89	266	PK	PASS	Horizontal
2	2351.55	11.32	36.07	47.39	54.00	6.61	266	AV	PASS	Horizontal
3	2384.37	28.63	36.17	64.80	74.00	9.20	187	PK	PASS	Horizontal
4	2384.37	12.25	36.17	48.42	54.00	5.58	187	AV	PASS	Horizontal
5	2390.00	28.98	36.19	65.17	74.00	8.83	187	PK	PASS	Horizontal
6	2390.00	12.99	36.19	49.18	54.00	4.82	187	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



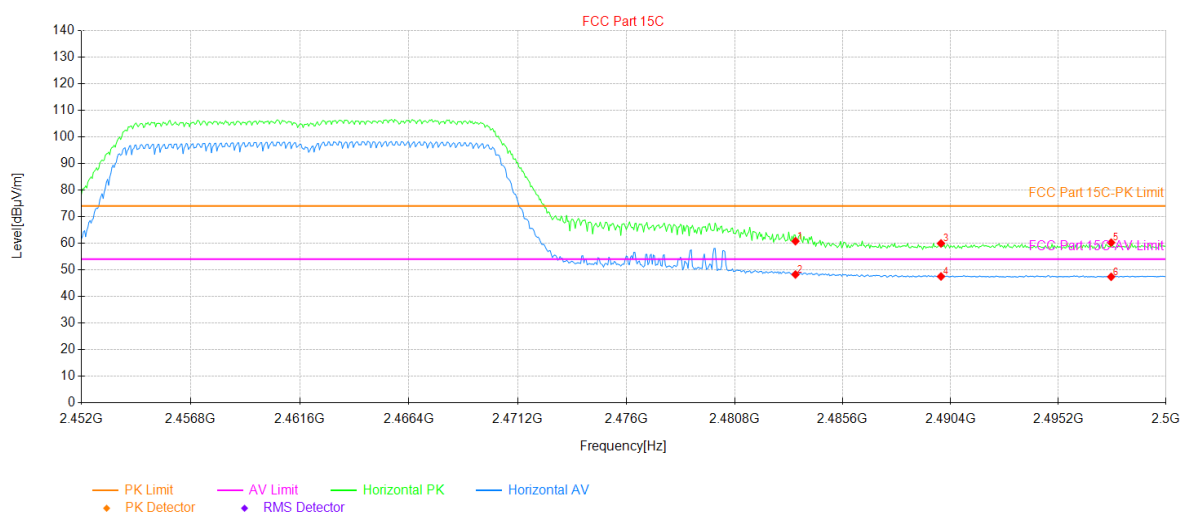
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.81	36.24	59.05	74.00	14.95	314	PK	PASS	Vertical
2	2483.50	11.48	36.24	47.72	54.00	6.28	314	AV	PASS	Vertical
3	2491.94	10.98	36.31	47.29	54.00	6.71	258	AV	PASS	Vertical
4	2491.94	23.67	36.31	59.98	74.00	14.02	138	PK	PASS	Vertical
5	2498.32	23.59	36.36	59.95	74.00	14.05	138	PK	PASS	Vertical
6	2498.32	11.03	36.36	47.39	54.00	6.61	277	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		



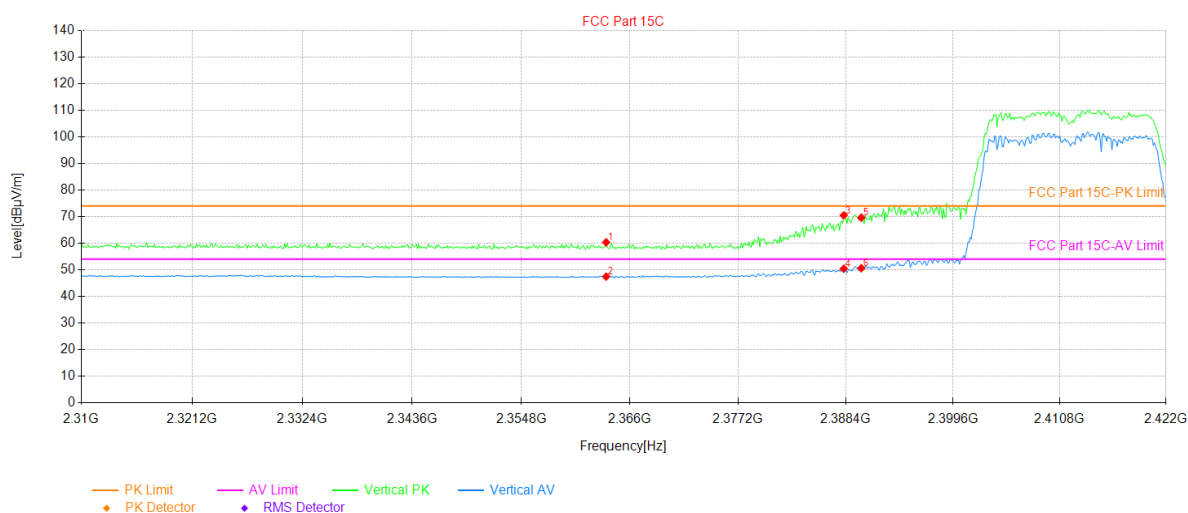
Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	24.51	36.24	60.75	74.00	13.25	179	PK	PASS	Horizontal
2	2483.50	11.99	36.24	48.23	54.00	5.77	182	AV	PASS	Horizontal
3	2489.97	23.60	36.30	59.90	74.00	14.10	346	PK	PASS	Horizontal
4	2489.97	11.19	36.30	47.49	54.00	6.51	346	AV	PASS	Horizontal
5	2497.55	23.84	36.36	60.20	74.00	13.80	279	PK	PASS	Horizontal
6	2497.55	11.01	36.36	47.37	54.00	6.63	249	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

MIMO:

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



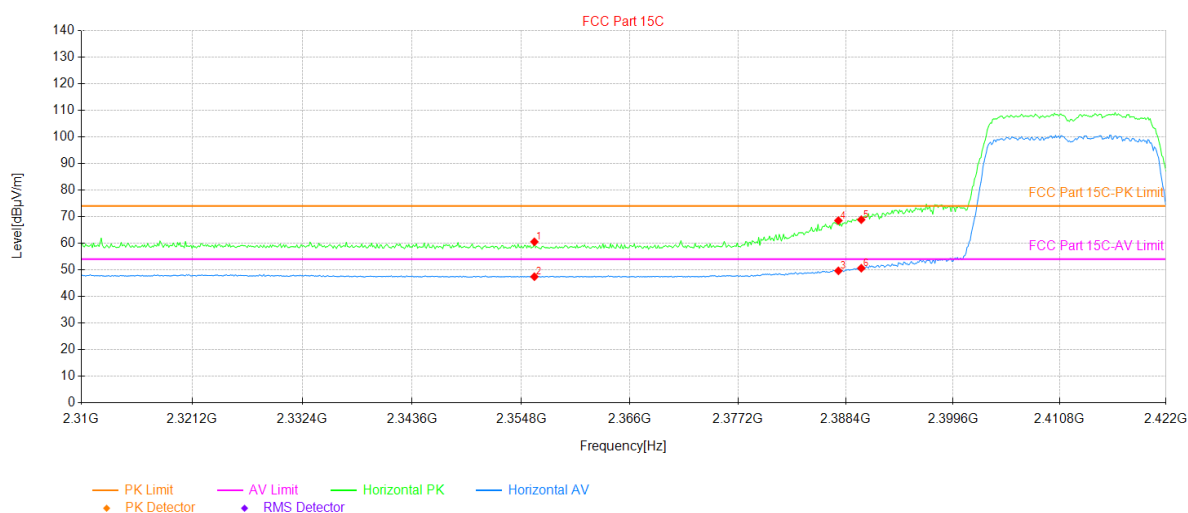
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2363.54	24.20	36.11	60.31	74.00	13.69	337	PK	PASS	Vertical
2	2363.54	11.33	36.11	47.44	54.00	6.56	300	AV	PASS	Vertical
3	2388.18	34.26	36.18	70.44	74.00	3.56	300	PK	PASS	Vertical
4	2388.18	14.24	36.18	50.42	54.00	3.58	303	AV	PASS	Vertical
5	2390.00	33.40	36.19	69.59	74.00	4.41	289	PK	PASS	Vertical
6	2390.00	14.42	36.19	50.61	54.00	3.39	292	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		



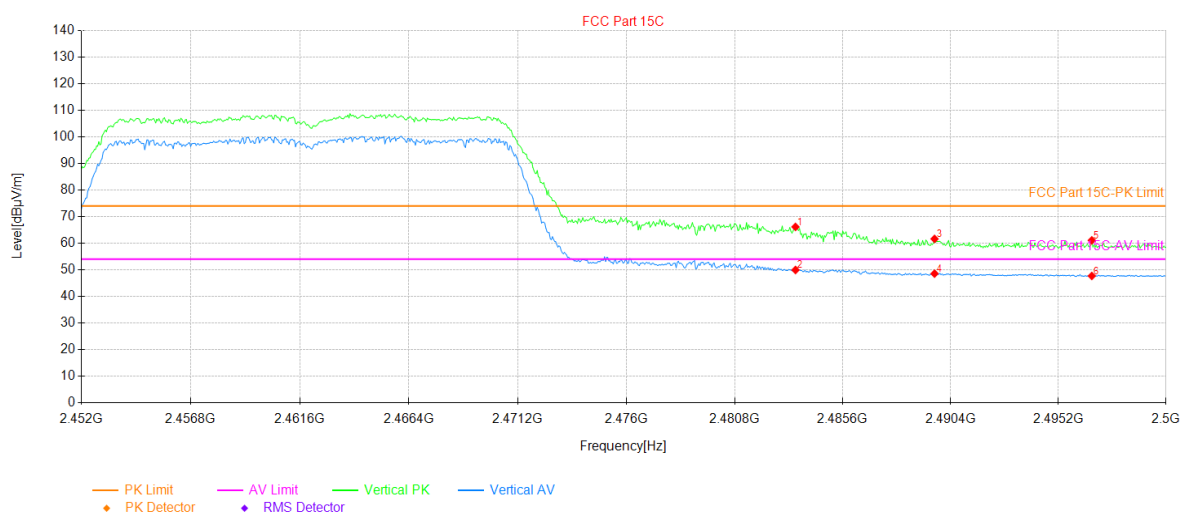
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2356.14	24.42	36.09	60.51	74.00	13.49	271	PK	PASS	Horizontal
2	2356.14	11.32	36.09	47.41	54.00	6.59	207	AV	PASS	Horizontal
3	2387.62	13.43	36.18	49.61	54.00	4.39	181	AV	PASS	Horizontal
4	2387.62	32.30	36.18	68.48	74.00	5.52	42	PK	PASS	Horizontal
5	2390.00	32.63	36.19	68.82	74.00	5.18	185	PK	PASS	Horizontal
6	2390.00	14.41	36.19	50.60	54.00	3.40	68	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		

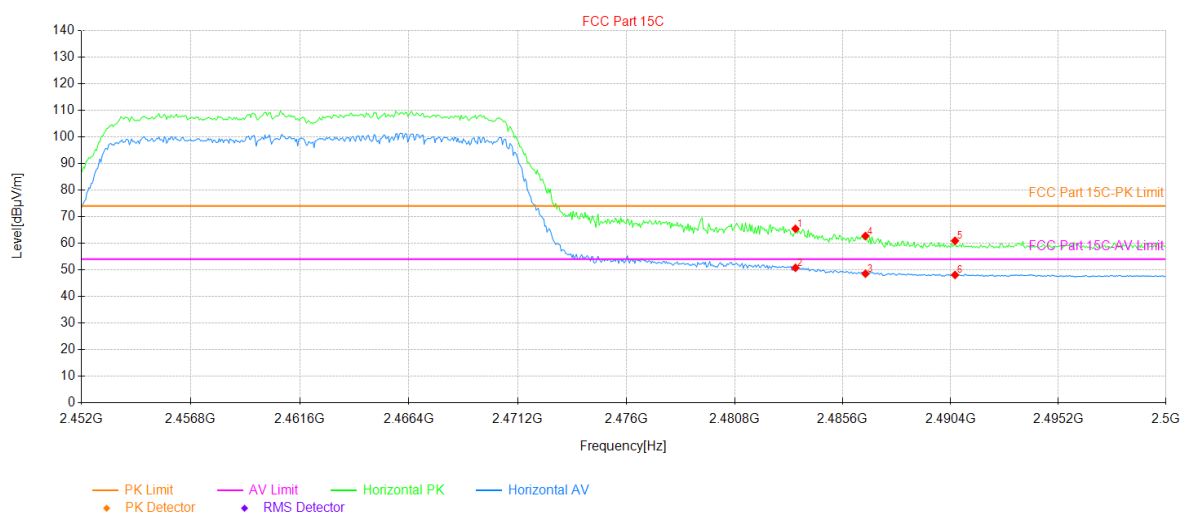


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	29.87	36.24	66.11	74.00	7.89	0	PK	PASS	Vertical
2	2483.50	13.69	36.24	49.93	54.00	4.07	0	AV	PASS	Vertical
3	2489.68	25.31	36.29	61.60	74.00	12.40	356	PK	PASS	Vertical
4	2489.68	12.26	36.29	48.55	54.00	5.45	356	AV	PASS	Vertical
5	2496.69	24.69	36.35	61.04	74.00	12.96	356	PK	PASS	Vertical
6	2496.69	11.34	36.35	47.69	54.00	6.31	163	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		



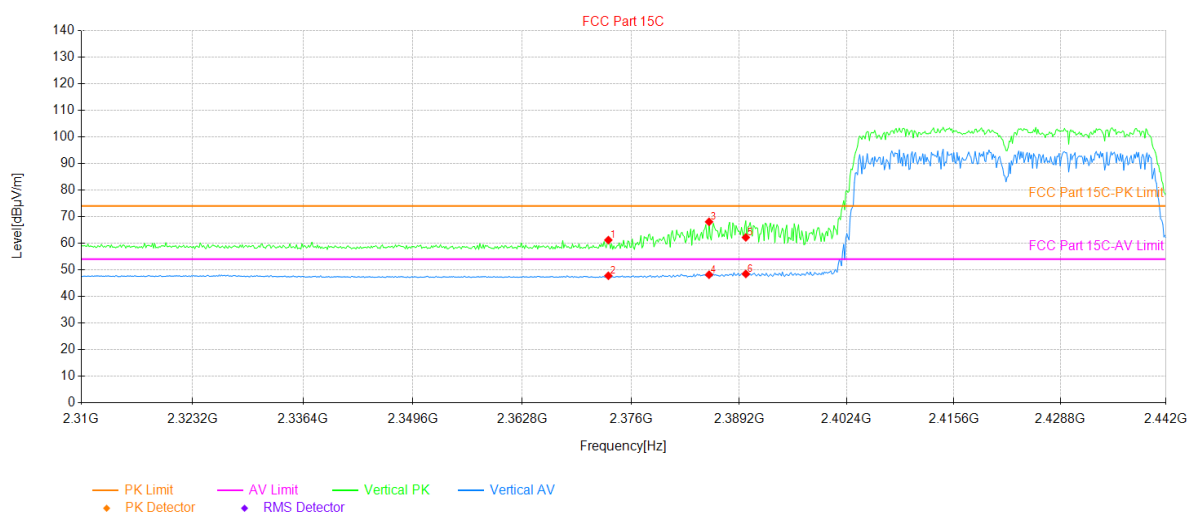
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	29.17	36.24	65.41	74.00	8.59	346	PK	PASS	Horizontal
2	2483.50	14.50	36.24	50.74	54.00	3.26	8	AV	PASS	Horizontal
3	2486.61	12.26	36.27	48.53	54.00	5.47	19	AV	PASS	Horizontal
4	2486.61	26.41	36.27	62.68	74.00	11.32	359	PK	PASS	Horizontal
5	2490.59	24.60	36.30	60.90	74.00	13.10	11	PK	PASS	Horizontal
6	2490.59	11.75	36.30	48.05	54.00	5.95	11	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11n-HT40 Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



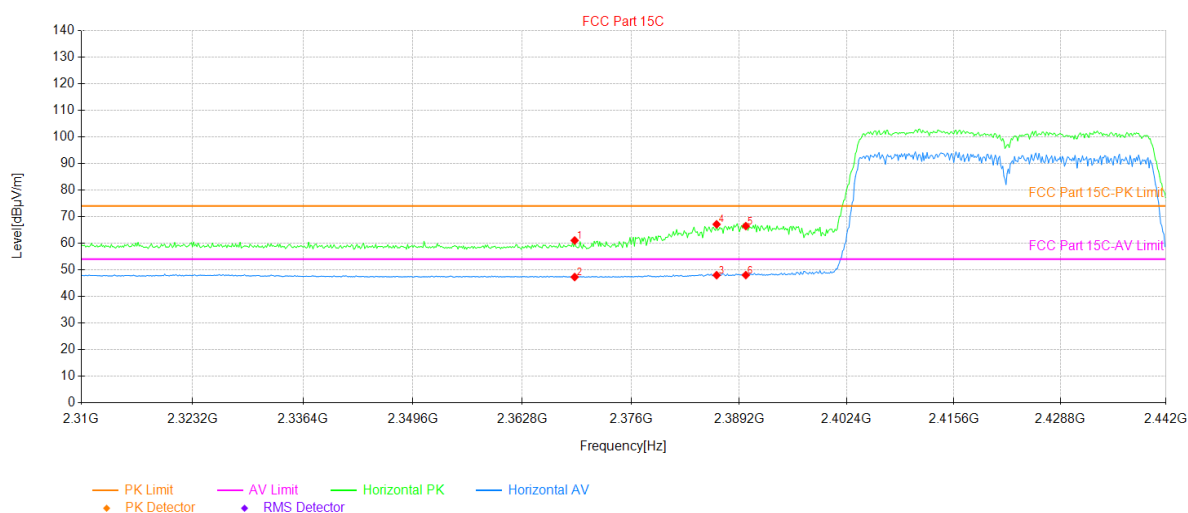
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2373.23	25.02	36.14	61.16	74.00	12.84	277	PK	PASS	Vertical
2	2373.23	11.61	36.14	47.75	54.00	6.25	300	AV	PASS	Vertical
3	2385.50	31.83	36.18	68.01	74.00	5.99	300	PK	PASS	Vertical
4	2385.50	11.96	36.18	48.14	54.00	5.86	300	AV	PASS	Vertical
5	2390.00	25.97	36.19	62.16	74.00	11.84	126	PK	PASS	Vertical
6	2390.00	12.26	36.19	48.45	54.00	5.55	303	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preampifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11n-HT40 Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		



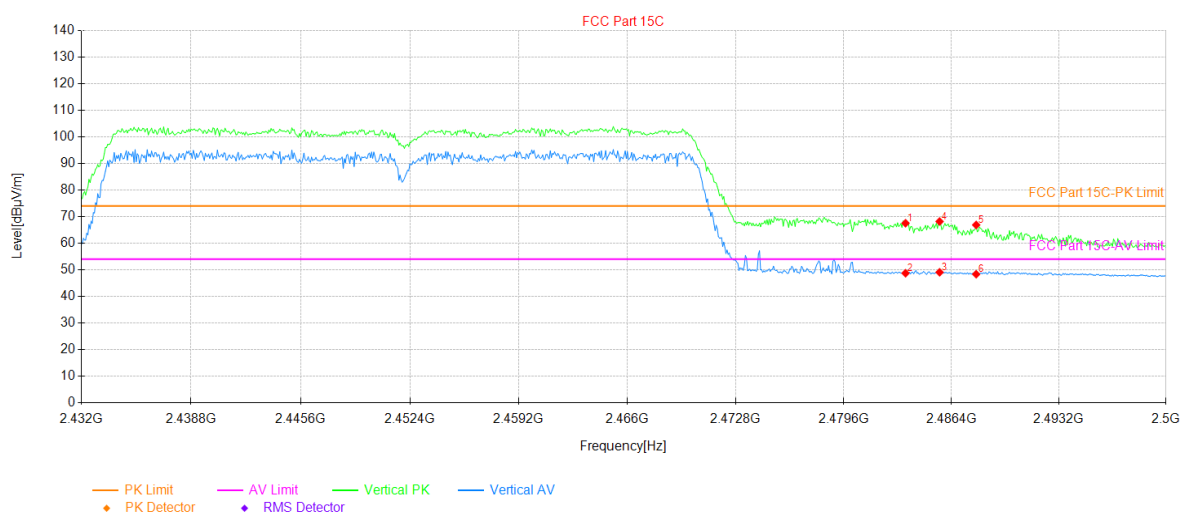
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2369.14	24.88	36.13	61.01	74.00	12.99	60	PK	PASS	Horizontal
2	2369.14	11.14	36.13	47.27	54.00	6.73	49	AV	PASS	Horizontal
3	2386.43	11.79	36.18	47.97	54.00	6.03	173	AV	PASS	Horizontal
4	2386.43	30.90	36.18	67.08	74.00	6.92	60	PK	PASS	Horizontal
5	2390.00	30.22	36.19	66.41	74.00	7.59	2	PK	PASS	Horizontal
6	2390.00	11.81	36.19	48.00	54.00	6.00	2	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11n-HT40 Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



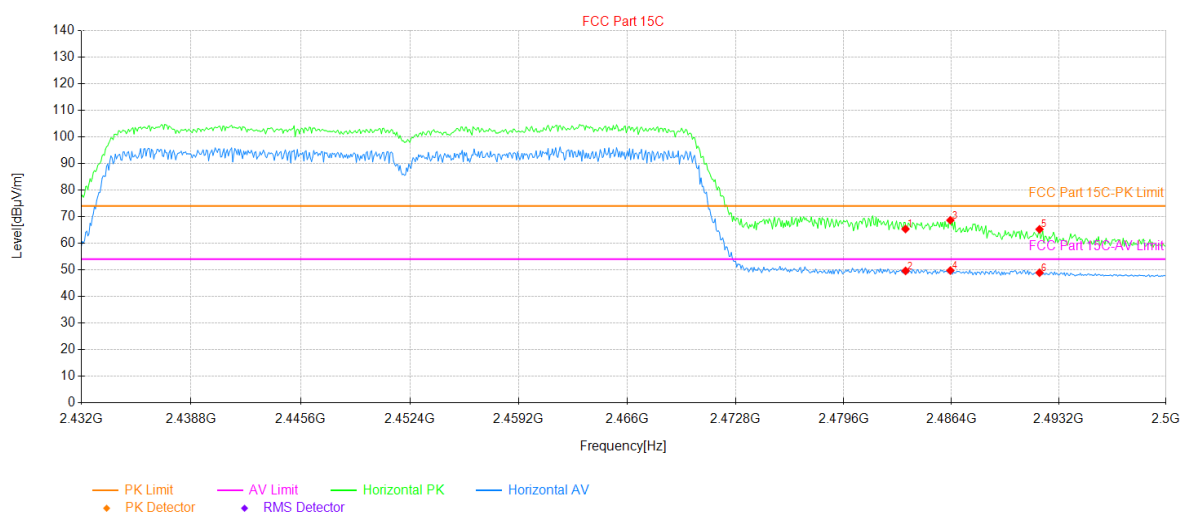
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	31.25	36.24	67.49	74.00	6.51	356	PK	PASS	Vertical
2	2483.50	12.47	36.24	48.71	54.00	5.29	74	AV	PASS	Vertical
3	2485.65	12.81	36.26	49.07	54.00	4.93	352	AV	PASS	Vertical
4	2485.65	31.87	36.26	68.13	74.00	5.87	63	PK	PASS	Vertical
5	2487.96	30.56	36.28	66.84	74.00	7.16	356	PK	PASS	Vertical
6	2487.96	12.06	36.28	48.34	54.00	5.66	356	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11n-HT40 Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		

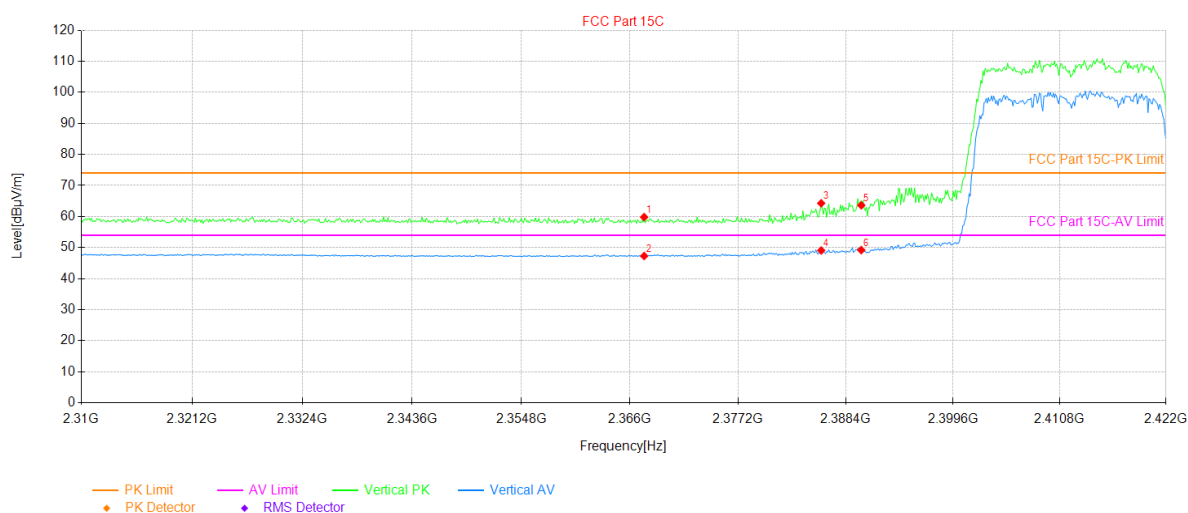


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	29.08	36.24	65.32	74.00	8.68	177	PK	PASS	Horizontal
2	2483.50	13.34	36.24	49.58	54.00	4.42	354	AV	PASS	Horizontal
3	2486.33	32.33	36.27	68.60	74.00	5.40	8	PK	PASS	Horizontal
4	2486.33	13.45	36.27	49.72	54.00	4.28	12	AV	PASS	Horizontal
5	2491.98	28.89	36.31	65.20	74.00	8.80	8	PK	PASS	Horizontal
6	2491.98	12.59	36.31	48.90	54.00	5.10	357	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11ax-HE20 Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



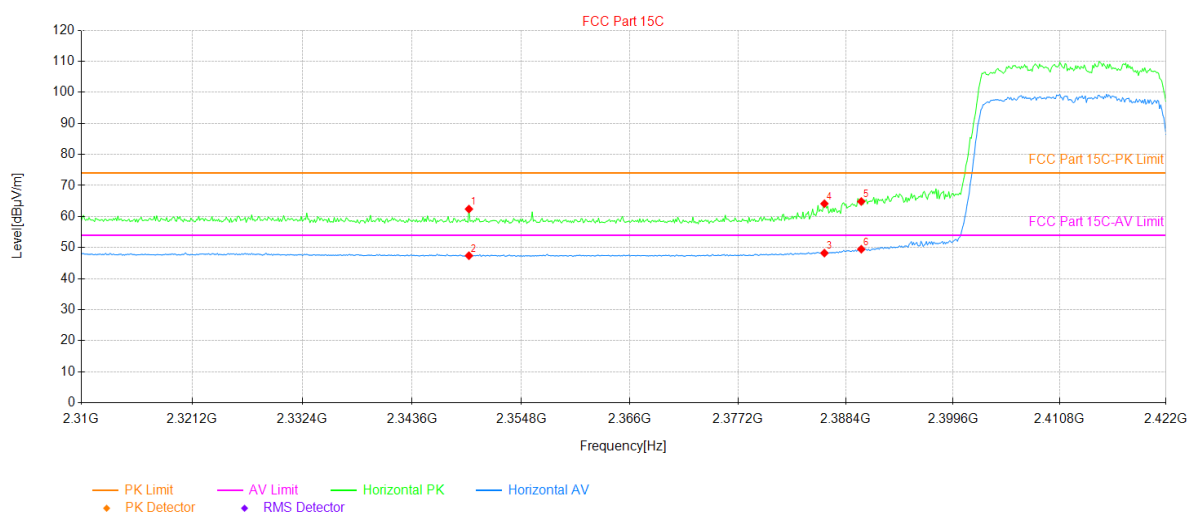
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2367.46	23.69	36.12	59.81	74.00	14.19	262	PK	PASS	Vertical
2	2367.46	11.18	36.12	47.30	54.00	6.70	303	AV	PASS	Vertical
3	2385.82	28.10	36.18	64.28	74.00	9.72	303	PK	PASS	Vertical
4	2385.82	12.88	36.18	49.06	54.00	4.94	303	AV	PASS	Vertical
5	2390.00	27.43	36.19	63.62	74.00	10.38	288	PK	PASS	Vertical
6	2390.00	13.01	36.19	49.20	54.00	4.80	303	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11ax-HE20 Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		

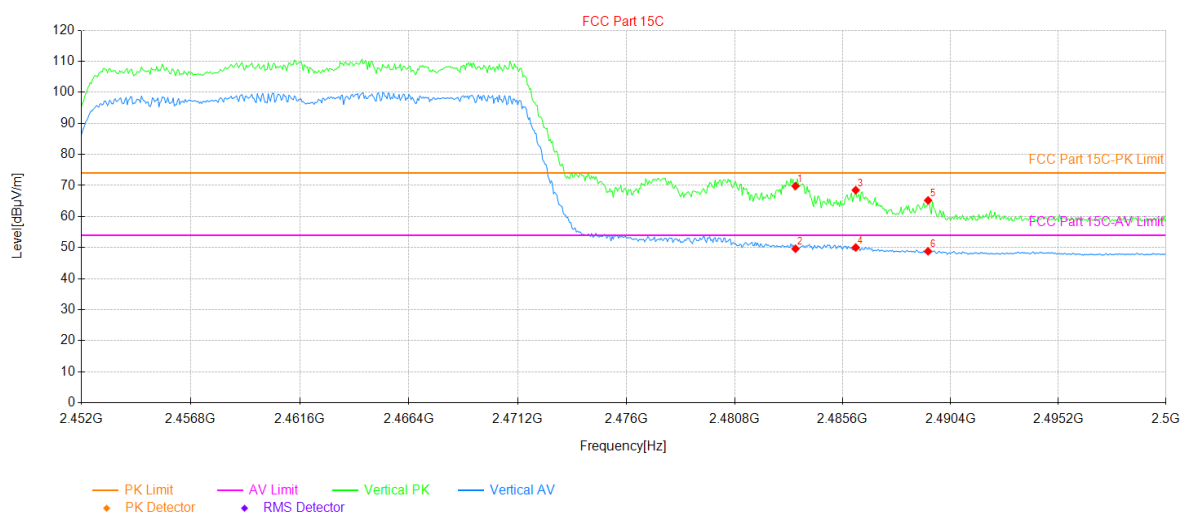


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2349.42	26.33	36.07	62.40	74.00	11.60	270	PK	PASS	Horizontal
2	2349.42	11.33	36.07	47.40	54.00	6.60	210	AV	PASS	Horizontal
3	2386.16	12.05	36.18	48.23	54.00	5.77	68	AV	PASS	Horizontal
4	2386.16	27.96	36.18	64.14	74.00	9.86	358	PK	PASS	Horizontal
5	2390.00	28.65	36.19	64.84	74.00	9.16	8	PK	PASS	Horizontal
6	2390.00	13.29	36.19	49.48	54.00	4.52	360	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11ax-HE20 Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		



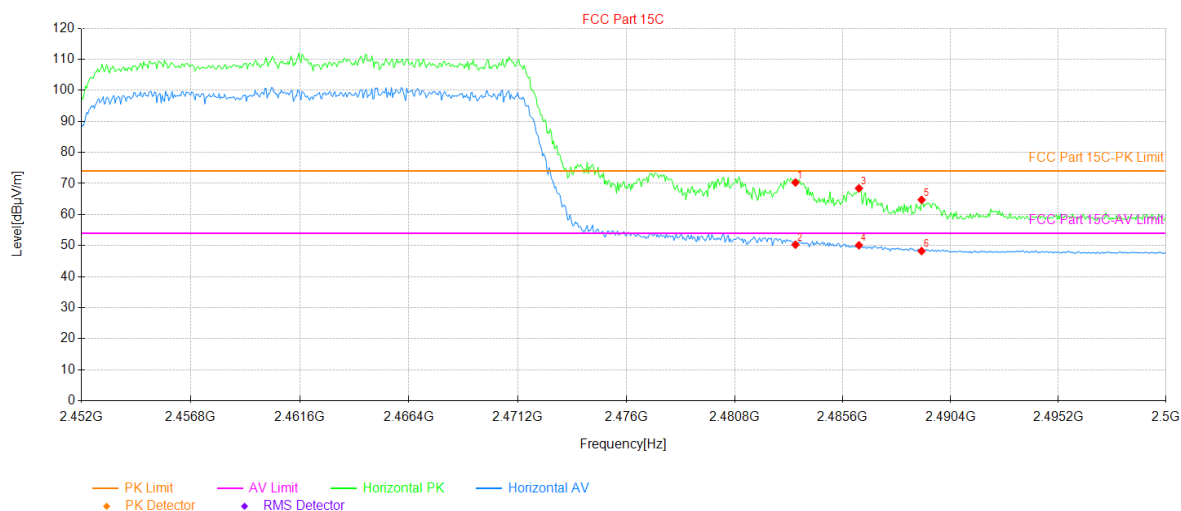
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	33.58	36.24	69.82	74.00	4.18	6	PK	PASS	Vertical
2	2483.50	13.39	36.24	49.63	54.00	4.37	6	AV	PASS	Vertical
3	2486.18	32.23	36.26	68.49	74.00	5.51	345	PK	PASS	Vertical
4	2486.18	13.78	36.26	50.04	54.00	3.96	358	AV	PASS	Vertical
5	2489.39	28.91	36.29	65.20	74.00	8.80	352	PK	PASS	Vertical
6	2489.39	12.52	36.29	48.81	54.00	5.19	255	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11ax-HE20 Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		

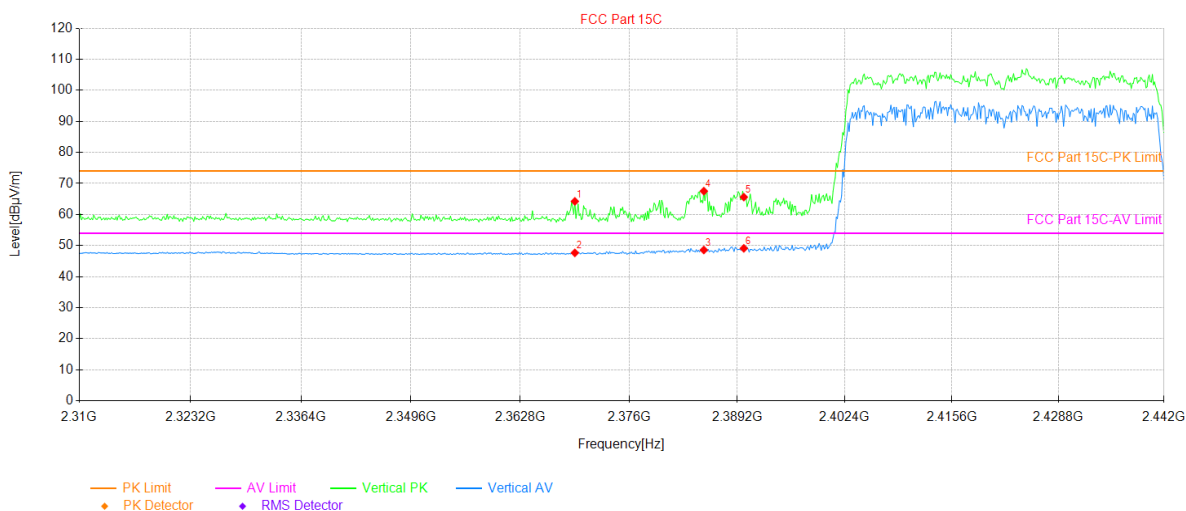


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	34.09	36.24	70.33	74.00	3.67	89	PK	PASS	Horizontal
2	2483.50	14.06	36.24	50.30	54.00	3.70	4	AV	PASS	Horizontal
3	2486.32	32.17	36.27	68.44	74.00	5.56	8	PK	PASS	Horizontal
4	2486.32	13.82	36.27	50.09	54.00	3.91	8	AV	PASS	Horizontal
5	2489.10	28.45	36.29	64.74	74.00	9.26	8	PK	PASS	Horizontal
6	2489.10	11.95	36.29	48.24	54.00	5.76	4	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11ax-HE40 Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		

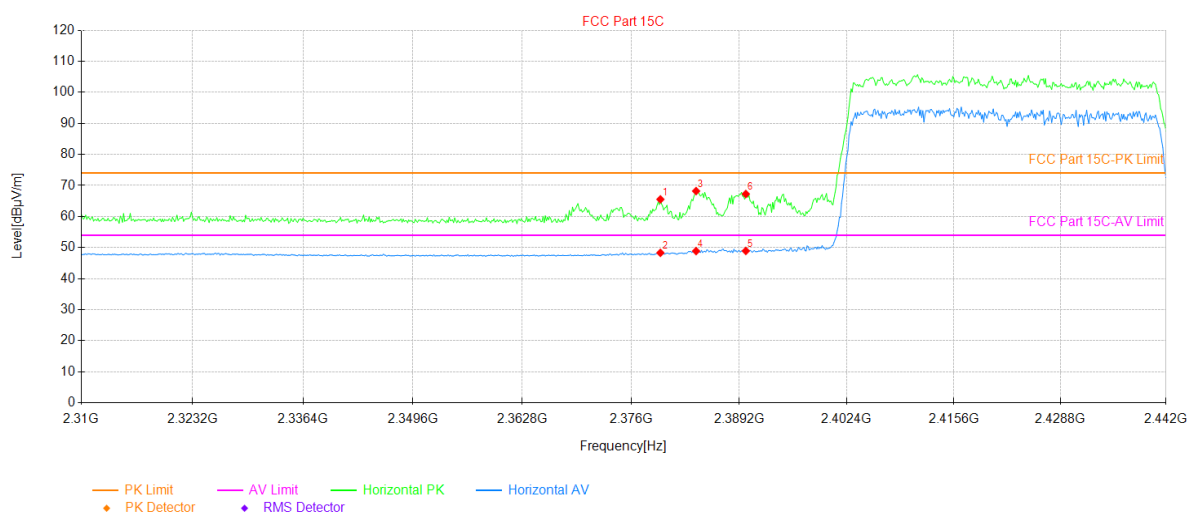


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2369.40	28.11	36.13	64.24	74.00	9.76	303	PK	PASS	Vertical
2	2369.40	11.54	36.13	47.67	54.00	6.33	303	AV	PASS	Vertical
3	2385.11	12.40	36.18	48.58	54.00	5.42	303	AV	PASS	Vertical
4	2385.11	31.36	36.18	67.54	74.00	6.46	303	PK	PASS	Vertical
5	2390.00	29.43	36.19	65.62	74.00	8.38	292	PK	PASS	Vertical
6	2390.00	12.92	36.19	49.11	54.00	4.89	292	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11ax-HE40 Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		



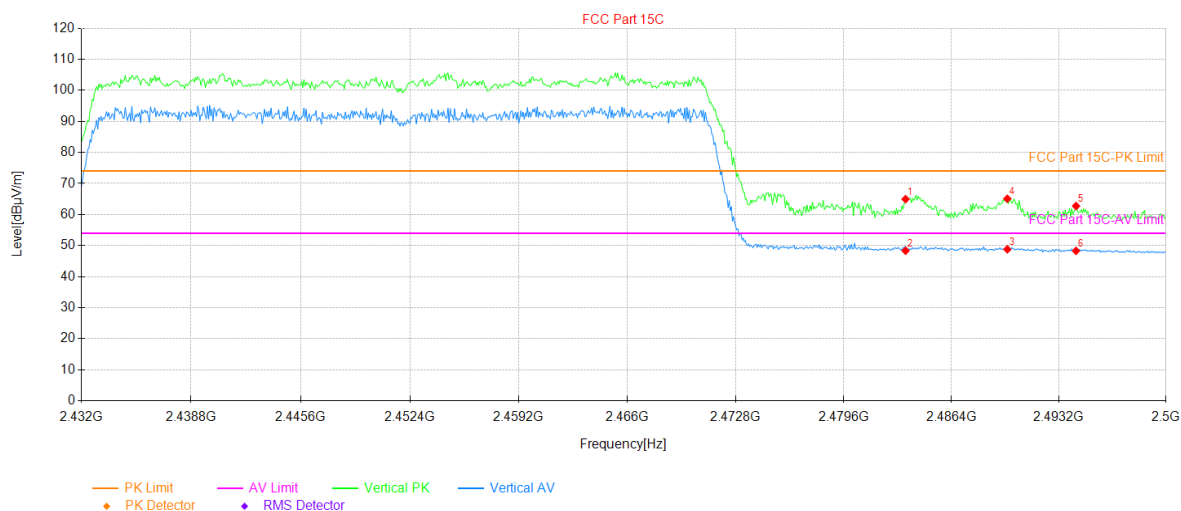
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2379.56	29.37	36.16	65.53	74.00	8.47	53	PK	PASS	Horizontal
2	2379.56	12.16	36.16	48.32	54.00	5.68	360	AV	PASS	Horizontal
3	2383.92	32.04	36.17	68.21	74.00	5.79	23	PK	PASS	Horizontal
4	2383.92	12.71	36.17	48.88	54.00	5.12	338	AV	PASS	Horizontal
5	2390.00	12.74	36.19	48.93	54.00	5.07	334	AV	PASS	Horizontal
6	2390.00	31.07	36.19	67.26	74.00	6.74	326	PK	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11ax-HE40 Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 5.0V		

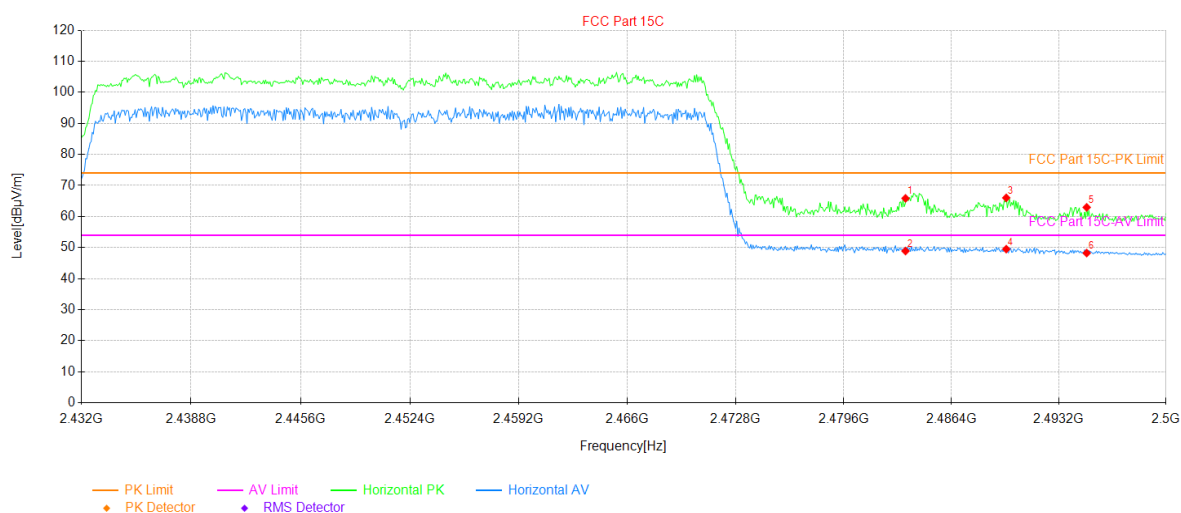


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	28.72	36.24	64.96	74.00	9.04	229	PK	PASS	Vertical
2	2483.50	12.11	36.24	48.35	54.00	5.65	1	AV	PASS	Vertical
3	2489.94	12.51	36.30	48.81	54.00	5.19	69	AV	PASS	Vertical
4	2489.94	28.78	36.30	65.08	74.00	8.92	69	PK	PASS	Vertical
5	2494.29	26.41	36.33	62.74	74.00	11.26	358	PK	PASS	Vertical
6	2494.29	11.98	36.33	48.31	54.00	5.69	69	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Reiy Ren	Test mode:	802.11ax-HE40 Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 5.0V		



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	29.62	36.24	65.86	74.00	8.14	148	PK	PASS	Horizontal
2	2483.50	12.66	36.24	48.90	54.00	5.10	359	AV	PASS	Horizontal
3	2489.87	29.72	36.30	66.02	74.00	7.98	15	PK	PASS	Horizontal
4	2489.87	13.21	36.30	49.51	54.00	4.49	8	AV	PASS	Horizontal
5	2494.97	26.62	36.34	62.96	74.00	11.04	65	PK	PASS	Horizontal
6	2494.97	11.91	36.34	48.25	54.00	5.75	337	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor)

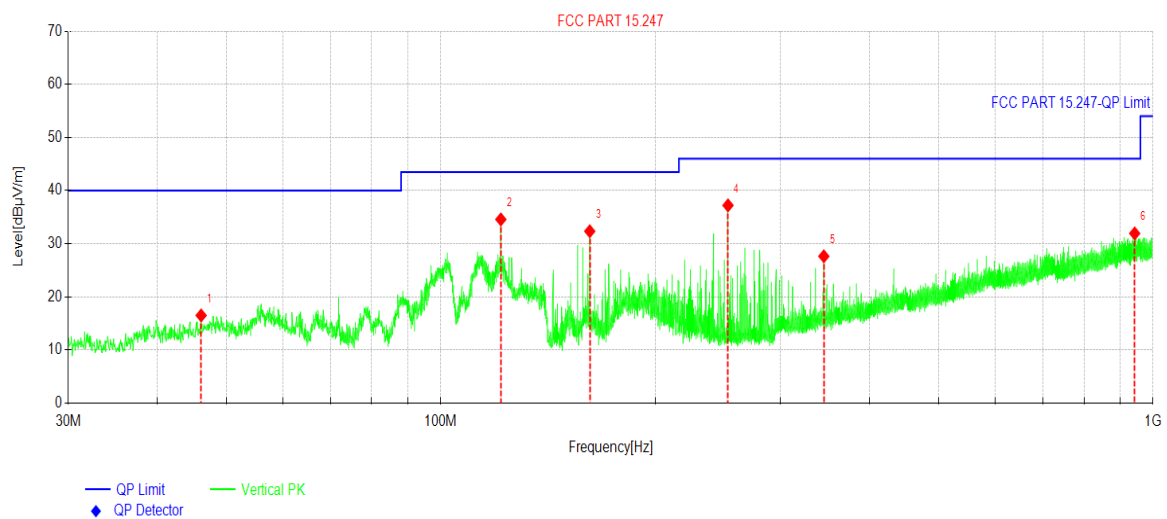
5.4 Emissions in Non-restricted Frequency Bands

Below 30MHz:

Test Frequency from 9kHz to 30MHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.

Below 1GHz:

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Alan Chen	Test mode:	802.11b Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Channel:	Lowest channel	Test Voltage:	DC 5.0V



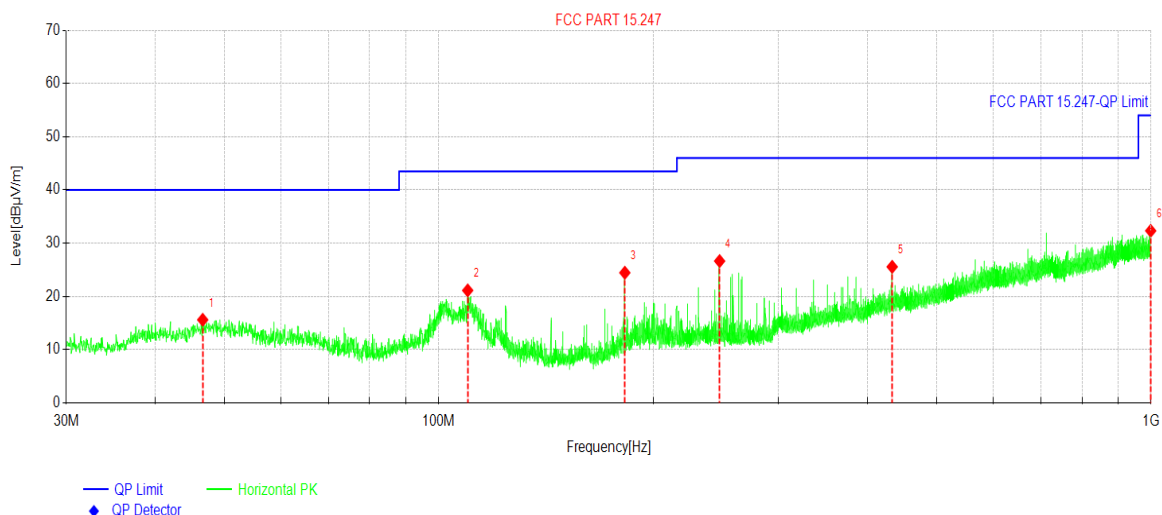
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	46.1020	29.32	-12.82	16.50	40.00	23.50	PK	Vertical
2	121.4710	50.99	-16.42	34.57	43.50	8.93	PK	Vertical
3	161.9200	49.95	-17.60	32.35	43.50	11.15	PK	Vertical
4	253.1485	50.84	-13.62	37.22	46.00	8.78	PK	Vertical
5	345.0560	39.30	-11.66	27.64	46.00	18.36	PK	Vertical
6	942.5275	31.21	0.73	31.94	46.00	14.06	PK	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss - Preamplifier Factor)

Product Name:	Wi-Fi6+BT5.3 Combo Module	Product Model:	EWN-8852DET3CA
Test By:	Alan Chen	Test mode:	802.11b Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Channel:	Lowest channel	Test Voltage:	DC 5.0V



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	46.6355	28.30	-12.69	15.61	40.00	24.39	PK	Horizontal
2	109.8310	35.85	-14.72	21.13	43.50	22.37	PK	Horizontal
3	182.5325	41.04	-16.59	24.45	43.50	19.05	PK	Horizontal
4	247.9590	40.29	-13.65	26.64	46.00	19.36	PK	Horizontal
5	433.2290	34.78	-9.22	25.56	46.00	20.44	PK	Horizontal
6	999.0300	30.84	1.49	32.33	54.00	21.67	PK	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss - Preamplifier Factor)

Above 1GHz

802.11b – ANT1						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	49.37	-8.27	41.10	74.00	32.90	Vertical
4824.00	50.32	-8.27	42.05	74.00	31.95	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	40.09	-8.27	31.82	54.00	22.18	Vertical
4824.00	42.10	-8.27	33.83	54.00	20.17	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	49.38	-7.85	41.53	74.00	32.47	Vertical
4874.00	50.03	-7.85	42.18	74.00	31.82	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	40.41	-7.85	32.56	54.00	21.44	Vertical
4874.00	41.84	-7.85	33.99	54.00	20.01	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	49.10	-7.56	41.54	74.00	32.46	Vertical
4924.00	50.32	-7.56	42.76	74.00	31.24	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	40.17	-7.56	32.61	54.00	21.39	Vertical
4924.00	42.01	-7.56	34.45	54.00	19.55	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

802.11b – ANT2						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	48.98	-8.27	40.71	74.00	33.29	Vertical
4824.00	51.69	-8.27	43.42	74.00	30.58	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	41.27	-8.27	33.00	54.00	21.00	Vertical
4824.00	42.35	-8.27	34.08	54.00	19.92	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	48.54	-7.85	40.69	74.00	33.31	Vertical
4874.00	51.58	-7.85	43.73	74.00	30.27	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	40.90	-7.85	33.05	54.00	20.95	Vertical
4874.00	42.44	-7.85	34.59	54.00	19.41	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	48.59	-7.56	41.03	74.00	32.97	Vertical
4924.00	52.03	-7.56	44.47	74.00	29.53	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	41.57	-7.56	34.01	54.00	19.99	Vertical
4924.00	42.02	-7.56	34.46	54.00	19.54	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

802.11g – ANT1						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	48.99	-8.27	40.72	74.00	33.28	Vertical
4824.00	50.78	-8.27	42.51	74.00	31.49	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	40.01	-8.27	31.74	54.00	22.26	Vertical
4824.00	41.64	-8.27	33.37	54.00	20.63	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	49.19	-7.85	41.34	74.00	32.66	Vertical
4874.00	49.88	-7.85	42.03	74.00	31.97	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	40.29	-7.85	32.44	54.00	21.56	Vertical
4874.00	41.96	-7.85	34.11	54.00	19.89	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	49.78	-7.56	42.22	74.00	31.78	Vertical
4924.00	50.21	-7.56	42.65	74.00	31.35	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	40.40	-7.56	32.84	54.00	21.16	Vertical
4924.00	41.94	-7.56	34.38	54.00	19.62	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

802.11g – ANT2						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	48.73	-8.27	40.46	74.00	33.54	Vertical
4824.00	51.89	-8.27	43.62	74.00	30.38	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	41.04	-8.27	32.77	54.00	21.23	Vertical
4824.00	41.98	-8.27	33.71	54.00	20.29	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	49.46	-7.85	41.61	74.00	32.39	Vertical
4874.00	51.19	-7.85	43.34	74.00	30.66	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	41.15	-7.85	33.30	54.00	20.70	Vertical
4874.00	42.43	-7.85	34.58	54.00	19.42	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	49.08	-7.56	41.52	74.00	32.48	Vertical
4924.00	52.14	-7.56	44.58	74.00	29.42	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	40.90	-7.56	33.34	54.00	20.66	Vertical
4924.00	42.18	-7.56	34.62	54.00	19.38	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

802.11n-HT20 – MIMO						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	48.81	-8.27	40.54	74.00	33.46	Vertical
4824.00	51.98	-8.27	43.71	74.00	30.29	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	41.14	-8.27	32.87	54.00	21.13	Vertical
4824.00	42.39	-8.27	34.12	54.00	19.88	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	41.60	-7.85	33.75	74.00	40.25	Vertical
4874.00	42.87	-7.85	35.02	74.00	38.98	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	41.37	-7.85	33.52	54.00	20.48	Vertical
4874.00	41.98	-7.85	34.13	54.00	19.87	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	49.16	-7.56	41.60	74.00	32.40	Vertical
4924.00	50.96	-7.56	43.40	74.00	30.60	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	40.43	-7.56	32.87	54.00	21.13	Vertical
4924.00	41.98	-7.56	34.42	54.00	19.58	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

802.11n-HT40 – MIMO						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4844.00	48.40	-8.06	40.34	74.00	33.66	Vertical
4844.00	51.78	-8.06	43.72	74.00	30.28	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4844.00	41.10	-8.06	33.04	54.00	20.96	Vertical
4844.00	42.52	-8.06	34.46	54.00	19.54	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	48.44	-7.85	40.59	74.00	33.41	Vertical
4874.00	51.70	-7.85	43.85	74.00	30.15	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	41.31	-7.85	33.46	54.00	20.54	Vertical
4874.00	42.09	-7.85	34.24	54.00	19.76	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4904.00	49.03	-7.66	41.37	74.00	32.63	Vertical
4904.00	52.38	-7.66	44.72	74.00	29.28	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4904.00	41.25	-7.66	33.59	54.00	20.41	Vertical
4904.00	42.58	-7.66	34.92	54.00	19.08	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

802.11ax-HE20 – MIMO						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	48.80	-8.27	40.53	74.00	33.47	Vertical
4824.00	50.75	-8.27	42.48	74.00	31.52	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	40.23	-8.27	31.96	54.00	22.04	Vertical
4824.00	42.46	-8.27	34.19	54.00	19.81	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	48.97	-7.85	41.12	74.00	32.88	Vertical
4874.00	51.20	-7.85	43.35	74.00	30.65	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	40.85	-7.85	33.00	54.00	21.00	Vertical
4874.00	42.13	-7.85	34.28	54.00	19.72	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	49.43	-7.56	41.87	74.00	32.13	Vertical
4924.00	51.06	-7.56	43.50	74.00	30.50	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	40.72	-7.56	33.16	54.00	20.84	Vertical
4924.00	41.88	-7.56	34.32	54.00	19.68	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

802.11ax-HE40 – MIMO						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4844.00	49.02	-8.06	40.96	74.00	33.04	Vertical
4844.00	51.35	-8.06	43.29	74.00	30.71	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4844.00	40.63	-8.06	32.57	54.00	21.43	Vertical
4844.00	41.67	-8.06	33.61	54.00	20.39	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	49.54	-7.85	41.69	74.00	32.31	Vertical
4874.00	50.64	-7.85	42.79	74.00	31.21	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	40.47	-7.85	32.62	54.00	21.38	Vertical
4874.00	42.19	-7.85	34.34	54.00	19.66	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4904.00	49.34	-7.66	41.68	74.00	32.32	Vertical
4904.00	51.16	-7.66	43.50	74.00	30.50	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4904.00	40.64	-7.66	32.98	54.00	21.02	Vertical
4904.00	41.82	-7.66	34.16	54.00	19.84	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

-----End of report-----