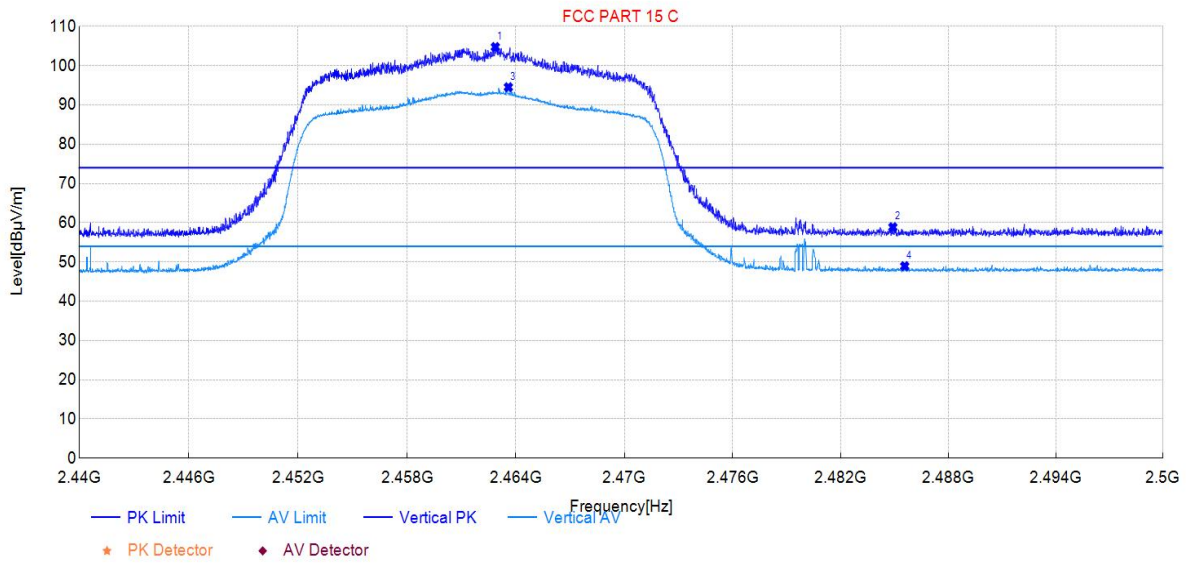




Suspected Data List

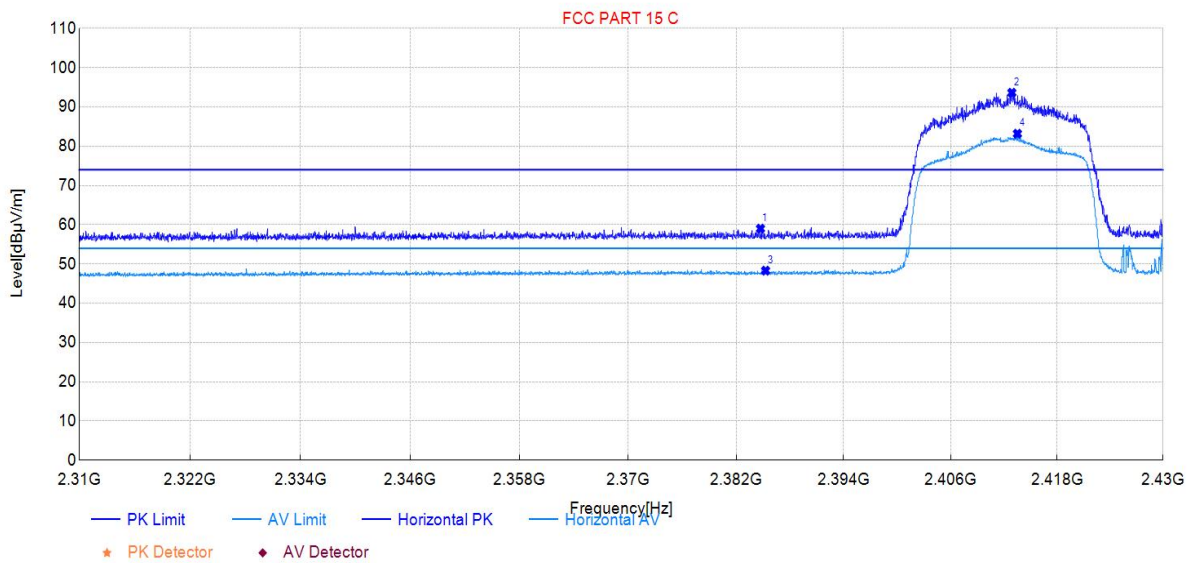
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.87	68.73	104.79	36.06	/	/	150	197	PK	Vertical	PASS
2	2484.91	22.79	58.87	36.08	74.00	15.13	150	24	PK	Vertical	PASS
3	2463.59	58.49	94.55	36.06	/	/	150	192	AV	Vertical	PASS
4	2485.57	12.85	48.94	36.09	54.00	5.06	150	297	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2024-12-05	Voltage:	DC 48V
Environment:	Temp: 21.1°C; Humi:38%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE20 Antenna2 at Channel 2412MHz		

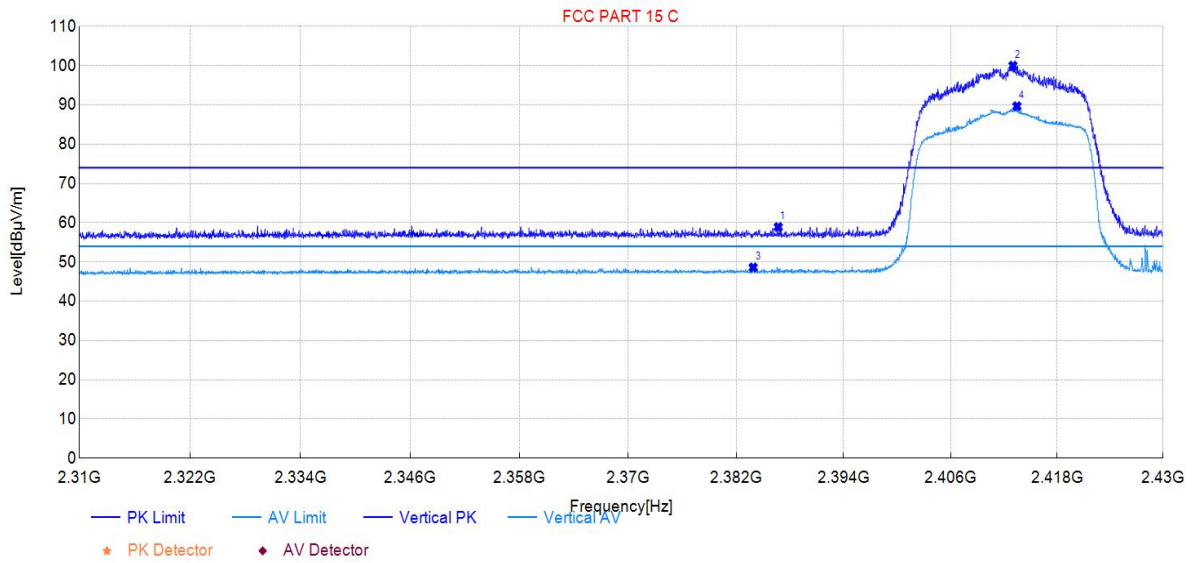


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2384.72	22.94	59.01	36.07	74.00	14.99	150	360	PK	Horizontal	PASS
2	2412.90	57.46	93.64	36.18	/	/	150	324	PK	Horizontal	PASS
3	2385.29	12.24	48.31	36.07	54.00	5.69	150	109	AV	Horizontal	PASS
4	2413.53	47.02	83.20	36.18	/	/	150	324	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

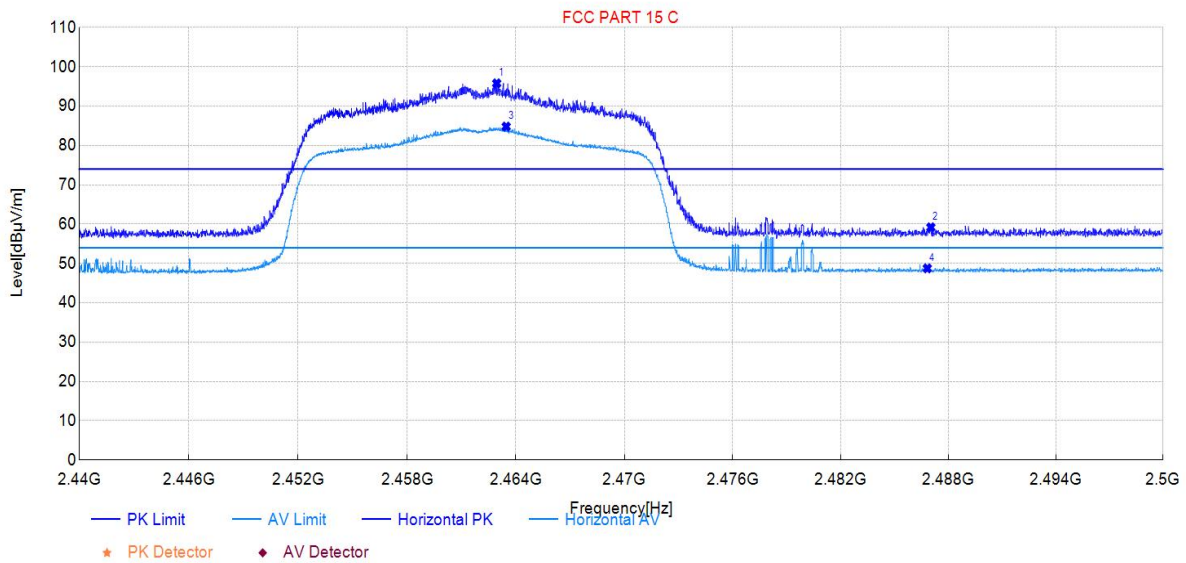
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2386.70	22.97	58.91	35.94	74.00	15.09	150	182	PK	Vertical	PASS
2	2413.02	64.03	100.03	36.00	/	/	150	22	PK	Vertical	PASS
3	2383.91	12.68	48.61	35.93	54.00	5.39	150	2	AV	Vertical	PASS
4	2413.47	53.70	89.70	36.00	/	/	150	0	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2024-12-05	Voltage:	DC 48V
Environment:	Temp: 21.1°C; Humi:38%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE20 Antenna2 at Channel 2462MHz		

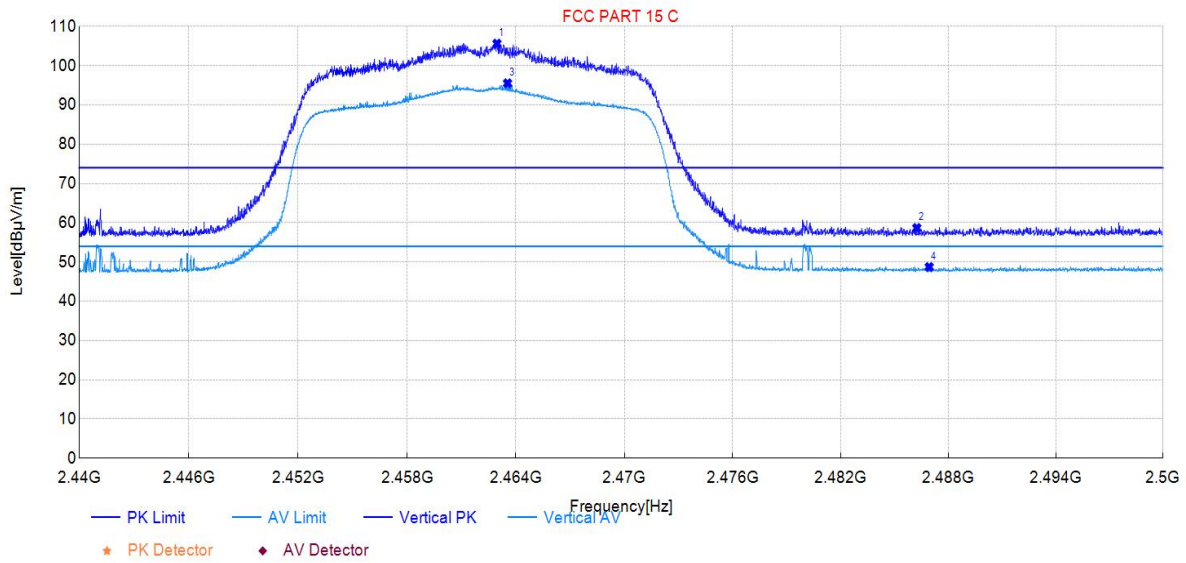


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.94	59.51	95.82	36.31	/	/	150	50	PK	Horizontal	PASS
2	2487.02	22.82	59.19	36.37	74.00	14.81	150	351	PK	Horizontal	PASS
3	2463.47	48.51	84.82	36.31	/	/	150	53	AV	Horizontal	PASS
4	2486.83	12.39	48.76	36.37	54.00	5.24	150	318	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

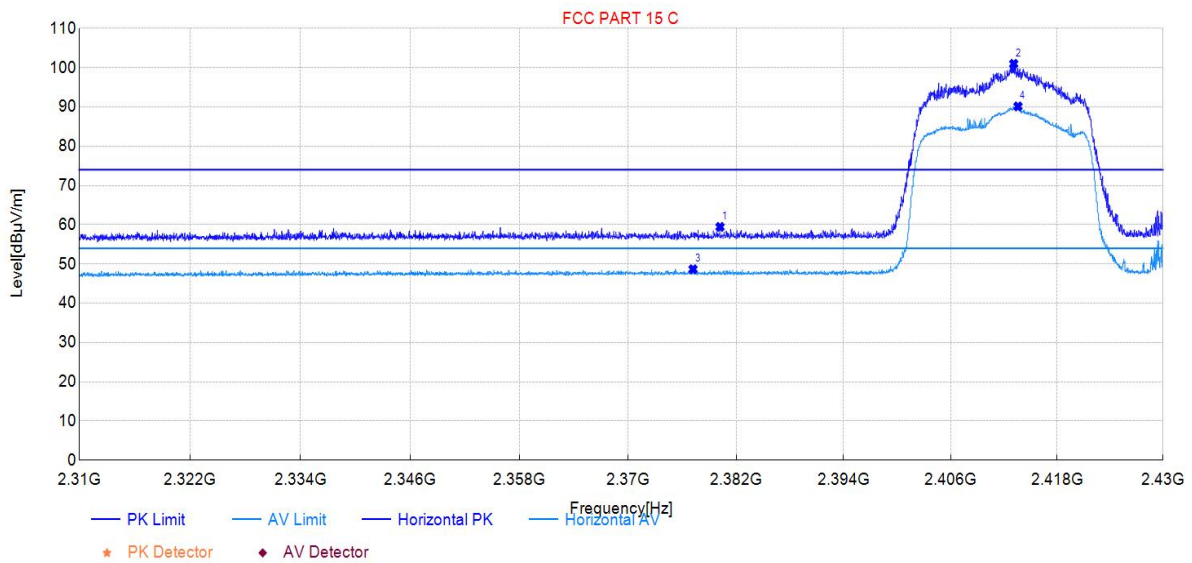
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.96	69.59	105.65	36.06	/	/	150	23	PK	Vertical	PASS
2	2486.24	22.58	58.67	36.09	74.00	15.33	150	134	PK	Vertical	PASS
3	2463.54	59.48	95.54	36.06	/	/	150	15	AV	Vertical	PASS
4	2486.93	12.63	48.72	36.09	54.00	5.28	150	99	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2024-12-05	Voltage:	DC 48V
Environment:	Temp: 21.1°C; Humi:38%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE20 MIMO at Channel 2412MHz		

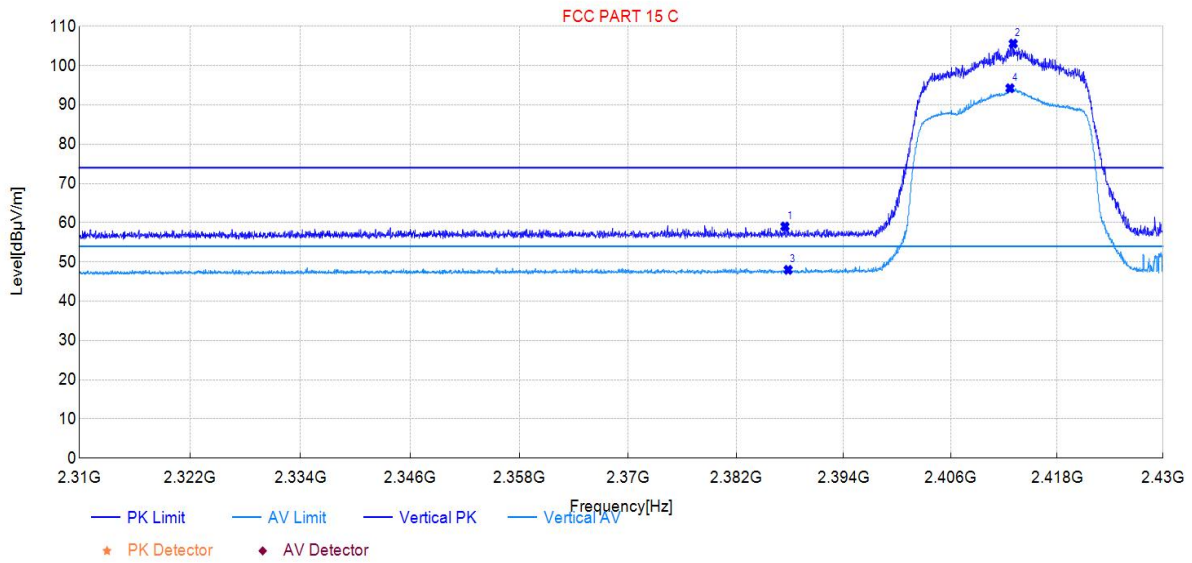


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2380.22	23.40	59.45	36.05	74.00	14.55	150	155	PK	Horizontal	PASS
2	2413.11	64.83	101.01	36.18	/	/	150	46	PK	Horizontal	PASS
3	2377.22	12.62	48.66	36.04	54.00	5.34	150	113	AV	Horizontal	PASS
4	2413.59	53.98	90.16	36.18	/	/	150	322	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



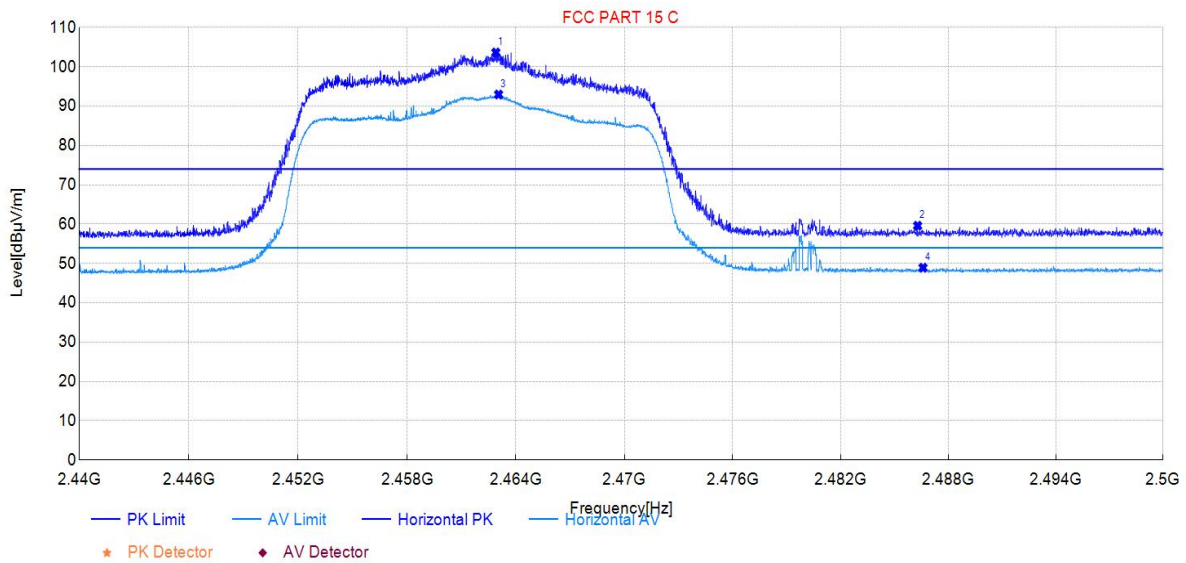
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2387.45	23.09	59.04	35.95	74.00	14.96	150	0	PK	Vertical	PASS
2	2413.05	69.63	105.63	36.00	/	/	150	14	PK	Vertical	PASS
3	2387.81	12.05	48.00	35.95	54.00	6.00	150	308	AV	Vertical	PASS
4	2412.69	58.28	94.28	36.00	/	/	150	14	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2024-12-05	Voltage:	DC 48V
Environment:	Temp: 21.1°C; Humi:38%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE20 MIMO at Channel 2462MHz		

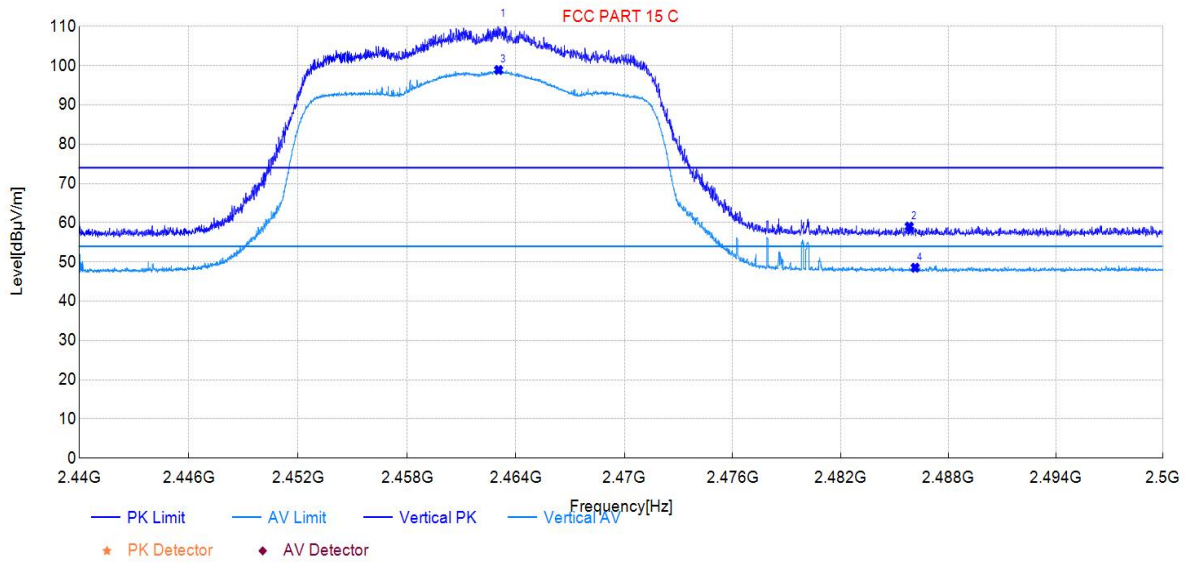


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.90	67.36	103.67	36.31	/	/	150	46	PK	Horizontal	PASS
2	2486.29	23.23	59.60	36.37	74.00	14.40	150	226	PK	Horizontal	PASS
3	2463.05	56.67	92.98	36.31	/	/	150	41	AV	Horizontal	PASS
4	2486.59	12.55	48.92	36.37	54.00	5.08	150	75	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

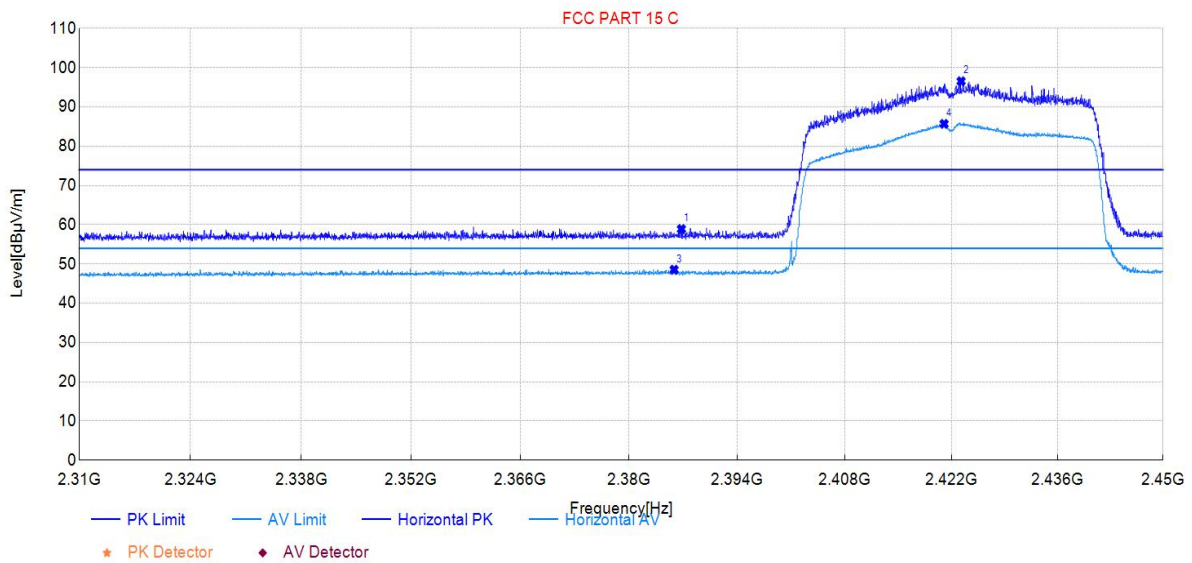
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2463.03	74.40	110.46	36.06	/	/	150	16	PK	Vertical	PASS
2	2485.82	22.94	59.03	36.09	74.00	14.97	150	0	PK	Vertical	PASS
3	2463.05	62.87	98.93	36.06	/	/	150	16	AV	Vertical	PASS
4	2486.15	12.46	48.55	36.09	54.00	5.45	150	41	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2024-12-05	Voltage:	DC 48V
Environment:	Temp: 21.1°C; Humi:38%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 Antenna1 at Channel 2422MHz		

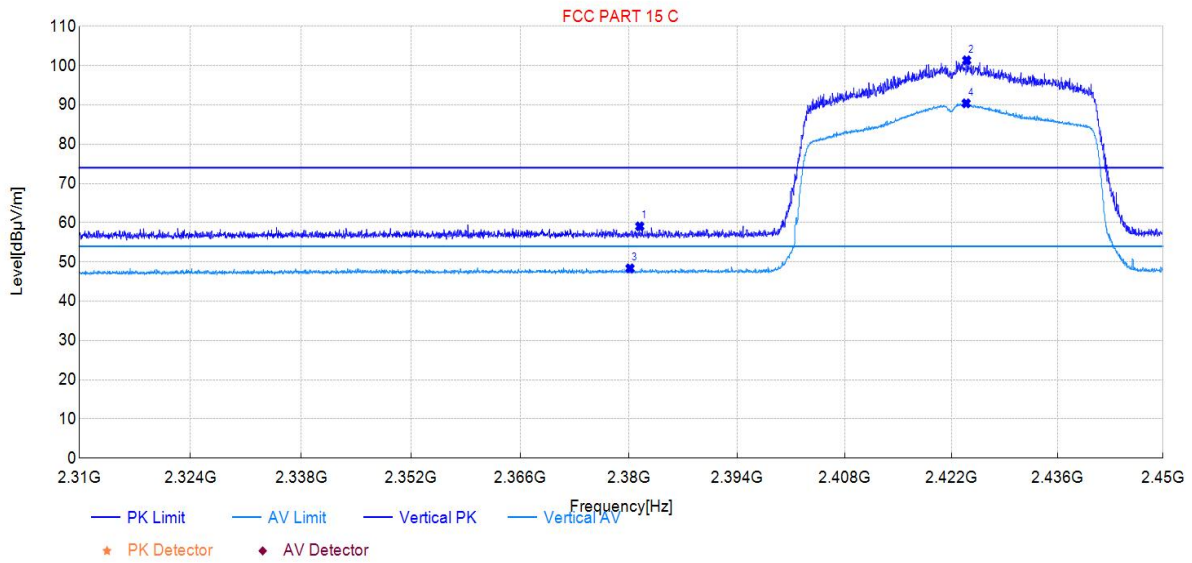


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2386.77	22.82	58.90	36.08	74.00	15.10	150	260	PK	Horizontal	PASS
2	2423.29	60.36	96.57	36.21	/	/	150	41	PK	Horizontal	PASS
3	2385.83	12.46	48.54	36.08	54.00	5.46	150	87	AV	Horizontal	PASS
4	2421.05	49.51	85.71	36.20	/	/	150	36	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

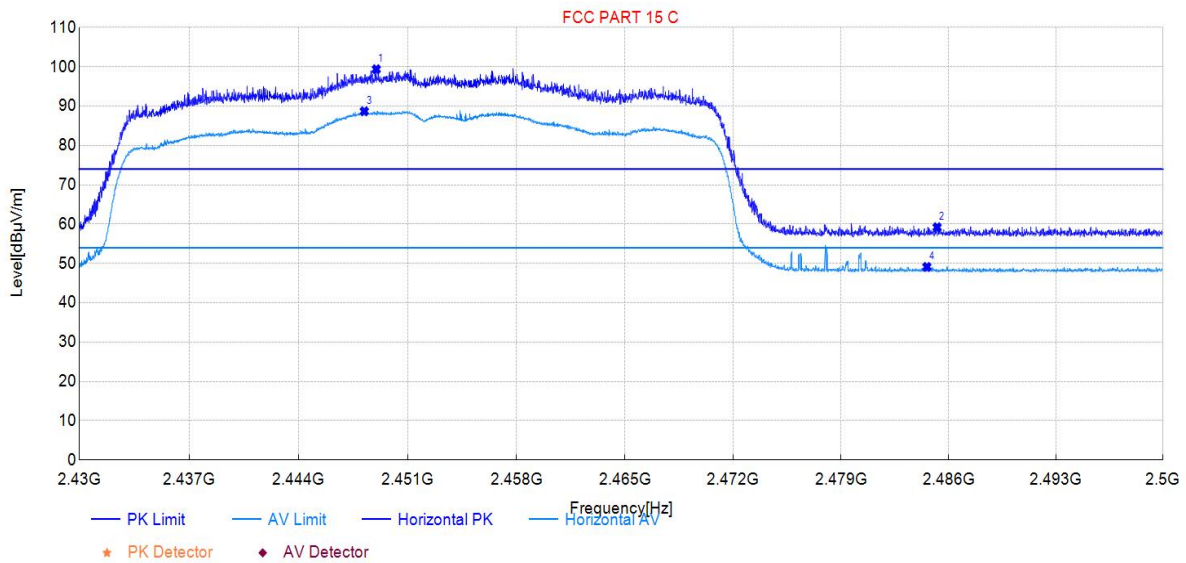
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2381.38	23.16	59.08	35.92	74.00	14.92	150	0	PK	Vertical	PASS
2	2424.02	65.37	101.38	36.01	/	/	150	173	PK	Vertical	PASS
3	2380.12	12.46	48.38	35.92	54.00	5.62	150	115	AV	Vertical	PASS
4	2423.95	54.42	90.43	36.01	/	/	150	182	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2024-12-05	Voltage:	DC 48V
Environment:	Temp: 21.1°C; Humi:38%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 Antenna1 at Channel 2452MHz		

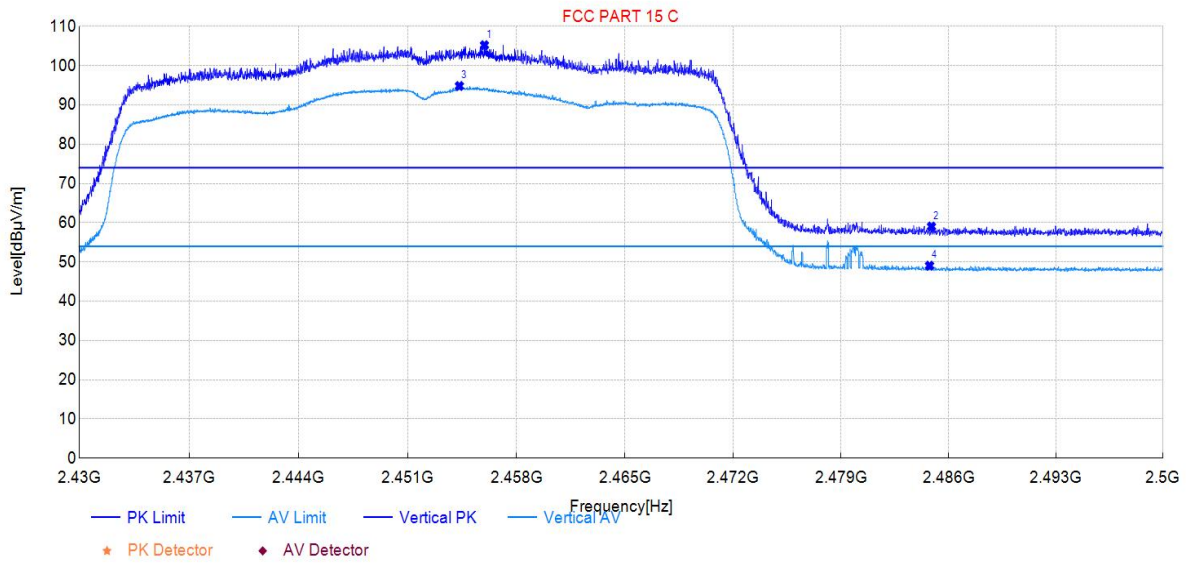


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2448.99	63.14	99.41	36.27	/	/	150	38	PK	Horizontal	PASS
2	2485.24	22.85	59.21	36.36	74.00	14.79	150	46	PK	Horizontal	PASS
3	2448.22	52.44	88.71	36.27	/	/	150	38	AV	Horizontal	PASS
4	2484.58	12.76	49.12	36.36	54.00	4.88	150	148	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

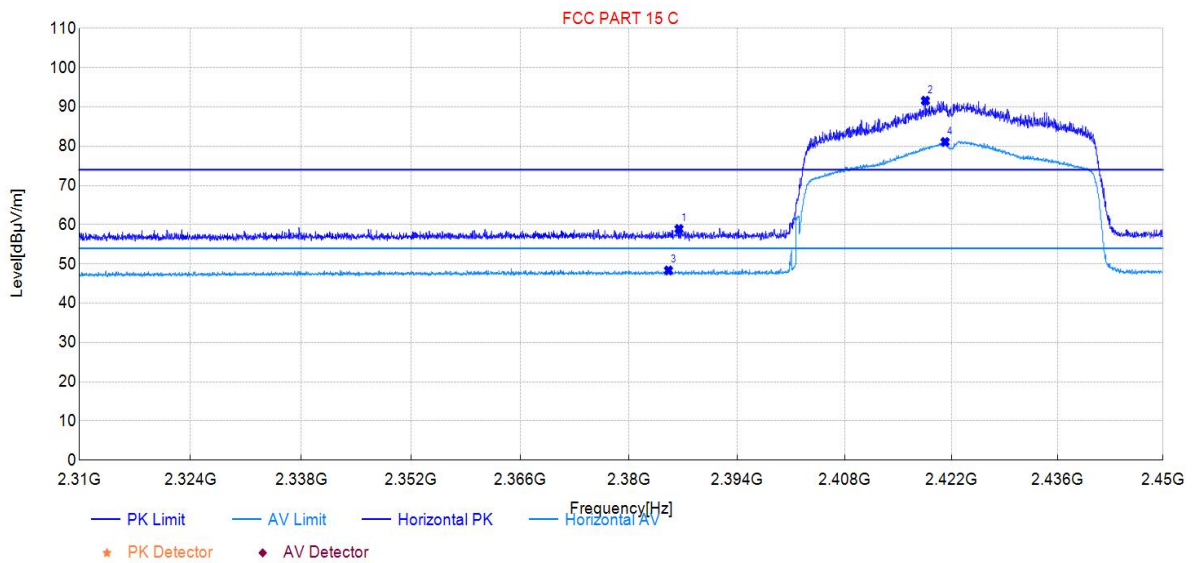
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2455.94	69.19	105.25	36.06	/	/	150	28	PK	Vertical	PASS
2	2484.88	22.95	59.03	36.08	74.00	14.97	150	58	PK	Vertical	PASS
3	2454.33	58.80	94.85	36.05	/	/	150	21	AV	Vertical	PASS
4	2484.75	12.99	49.07	36.08	54.00	4.93	150	310	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2024-12-05	Voltage:	DC 48V
Environment:	Temp: 21.1°C; Humi:38%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 Antenna2 at Channel 2422MHz		

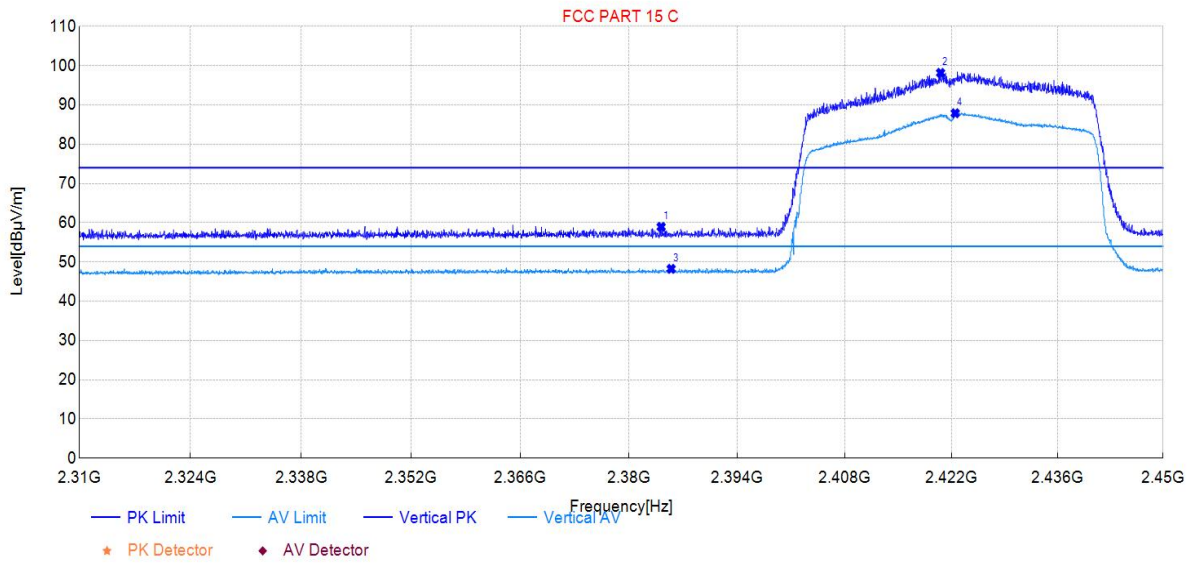


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2386.46	22.84	58.92	36.08	74.00	15.08	150	45	PK	Horizontal	PASS
2	2418.60	55.42	91.61	36.19	/	/	150	57	PK	Horizontal	PASS
3	2385.09	12.29	48.36	36.07	54.00	5.64	150	360	AV	Horizontal	PASS
4	2421.19	44.89	81.09	36.20	/	/	150	54	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

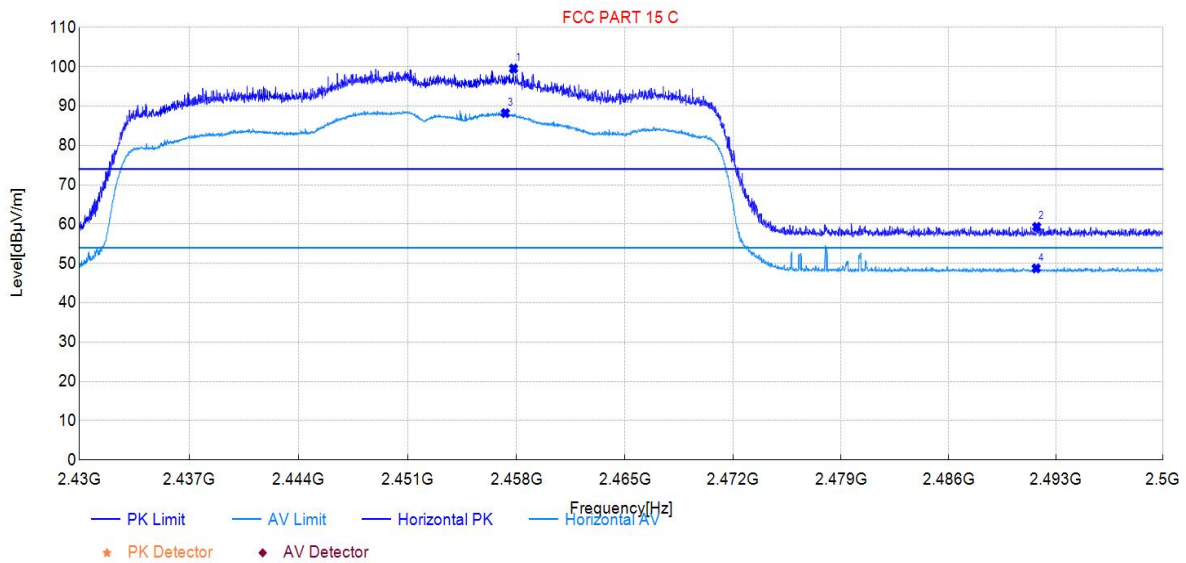
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2384.15	23.03	58.96	35.93	74.00	15.04	150	125	PK	Vertical	PASS
2	2420.59	62.18	98.19	36.01	/	/	150	8	PK	Vertical	PASS
3	2385.44	12.32	48.26	35.94	54.00	5.74	150	290	AV	Vertical	PASS
4	2422.52	51.90	87.91	36.01	/	/	150	21	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2024-12-05	Voltage:	DC 48V
Environment:	Temp: 21.1°C; Humi:38%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 Antenna2 at Channel 2452MHz		

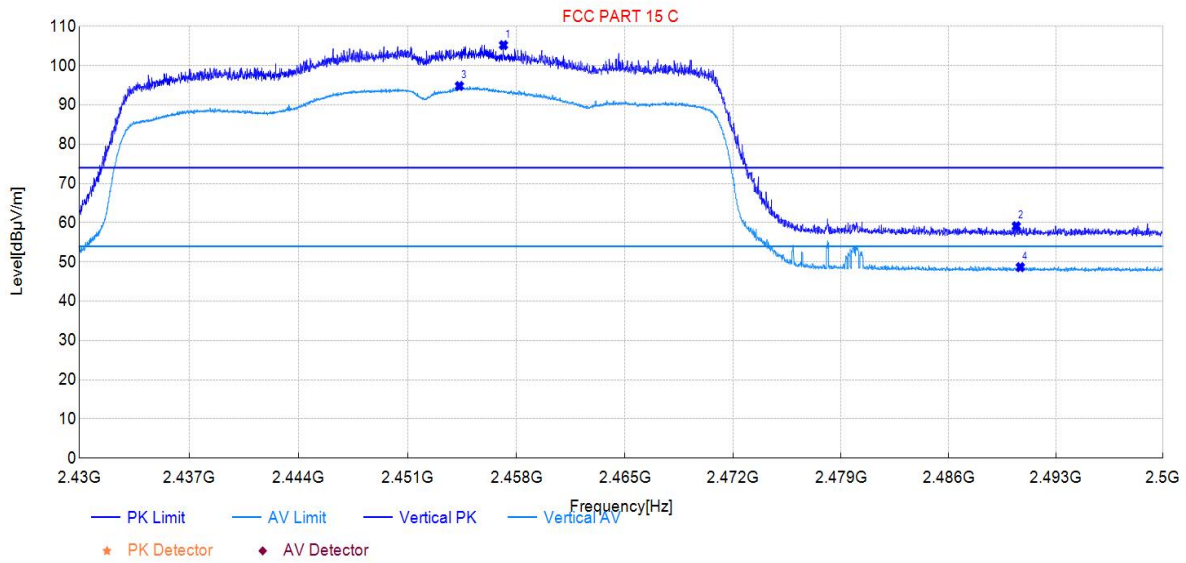


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2457.81	63.28	99.58	36.30	/	/	150	38	PK	Horizontal	PASS
2	2491.74	22.92	59.30	36.38	74.00	14.70	150	97	PK	Horizontal	PASS
3	2457.29	51.94	88.24	36.30	/	/	150	42	AV	Horizontal	PASS
4	2491.70	12.37	48.75	36.38	54.00	5.25	150	12	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

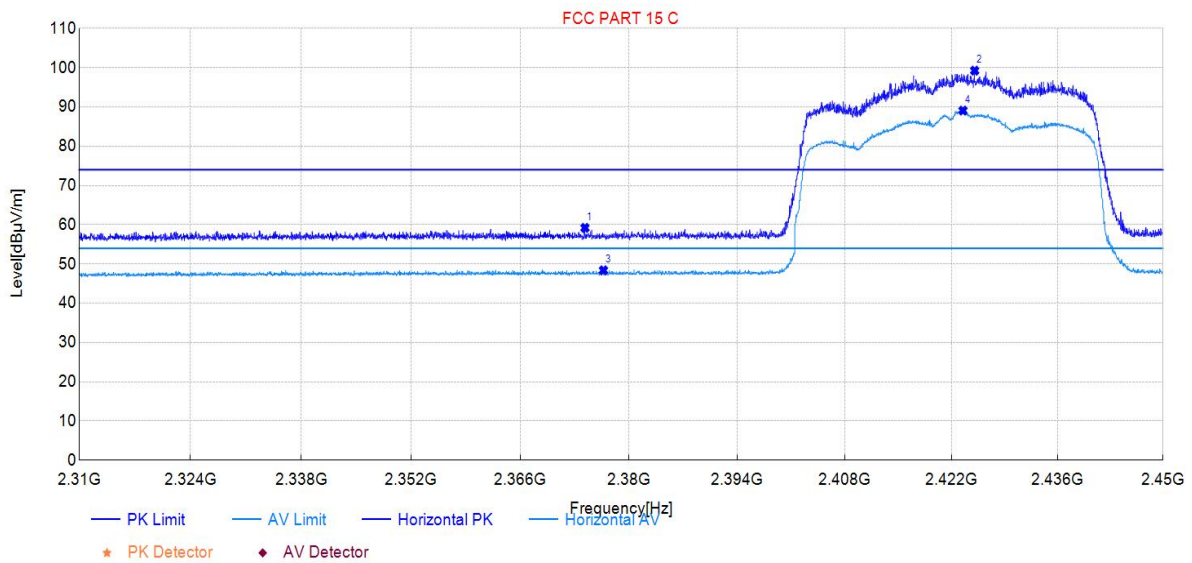
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2457.17	69.20	105.26	36.06	/	/	150	24	PK	Vertical	PASS
2	2490.41	23.05	59.14	36.09	74.00	14.86	150	139	PK	Vertical	PASS
3	2454.33	58.80	94.85	36.05	/	/	150	21	AV	Vertical	PASS
4	2490.67	12.60	48.69	36.09	54.00	5.31	150	293	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2024-12-05	Voltage:	DC 48V
Environment:	Temp: 21.1°C; Humi:38%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 MIMO at Channel 2422MHz		

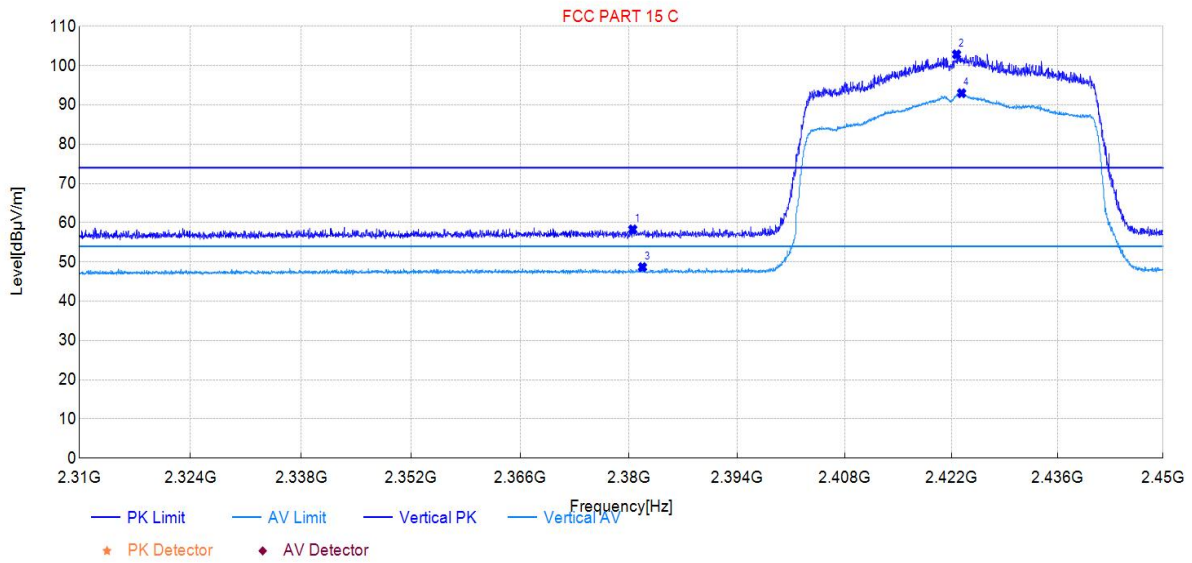


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2374.31	23.19	59.21	36.02	74.00	14.79	150	291	PK	Horizontal	PASS
2	2425.07	63.06	99.27	36.21	/	/	150	328	PK	Horizontal	PASS
3	2376.69	12.36	48.39	36.03	54.00	5.61	150	0	AV	Horizontal	PASS
4	2423.53	52.89	89.10	36.21	/	/	150	41	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

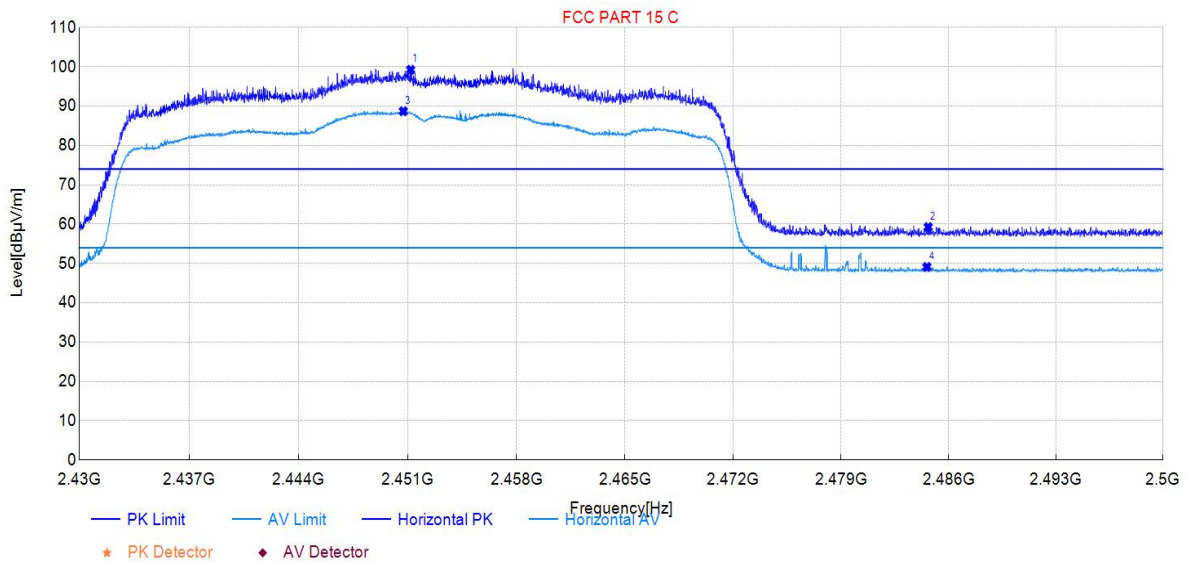
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2380.47	22.37	58.29	35.92	74.00	15.71	150	33	PK	Vertical	PASS
2	2422.69	66.89	102.90	36.01	/	/	150	20	PK	Vertical	PASS
3	2381.73	12.77	48.69	35.92	54.00	5.31	150	184	AV	Vertical	PASS
4	2423.36	57.00	93.01	36.01	/	/	150	16	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2024-12-05	Voltage:	DC 48V
Environment:	Temp: 21.1°C; Humi:38%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 MIMO at Channel 2462MHz		

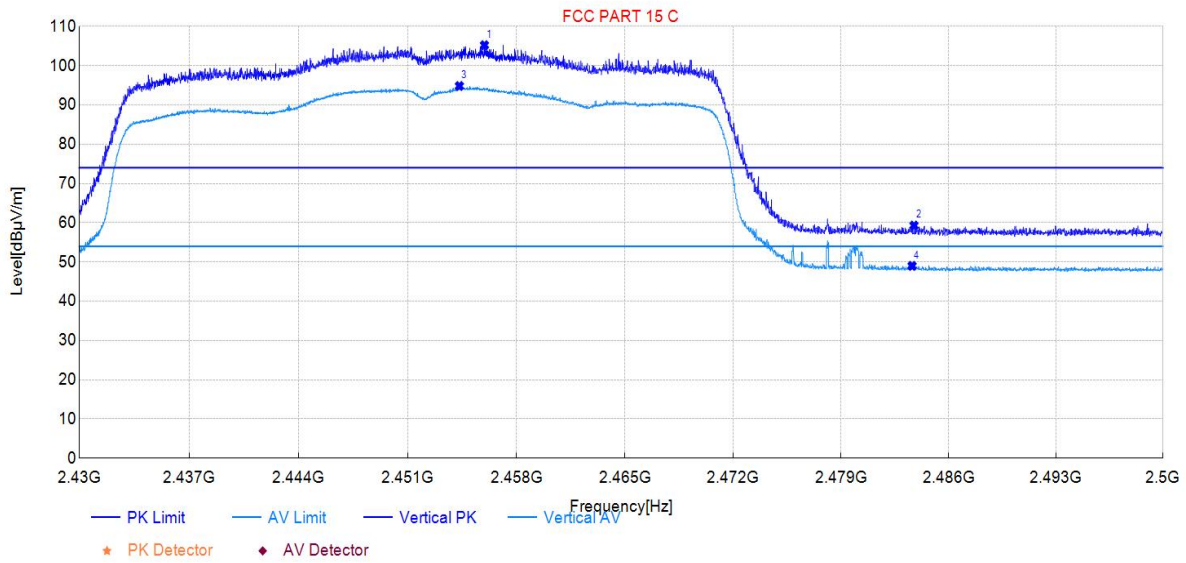


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2451.20	62.99	99.27	36.28	/	/	150	307	PK	Horizontal	PASS
2	2484.67	22.90	59.26	36.36	74.00	14.74	150	1	PK	Horizontal	PASS
3	2450.73	52.44	88.72	36.28	/	/	150	321	AV	Horizontal	PASS
4	2484.58	12.76	49.12	36.36	54.00	4.88	150	148	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	2455.94	69.19	105.25	36.06	/	/	150	28	PK	Vertical	PASS
2	2483.74	23.21	59.29	36.08	74.00	14.71	150	205	PK	Vertical	PASS
3	2454.33	58.80	94.85	36.05	/	/	150	21	AV	Vertical	PASS
4	2483.62	12.93	49.01	36.08	54.00	4.99	150	180	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

7.8. AC Conducted Emissions Measurement

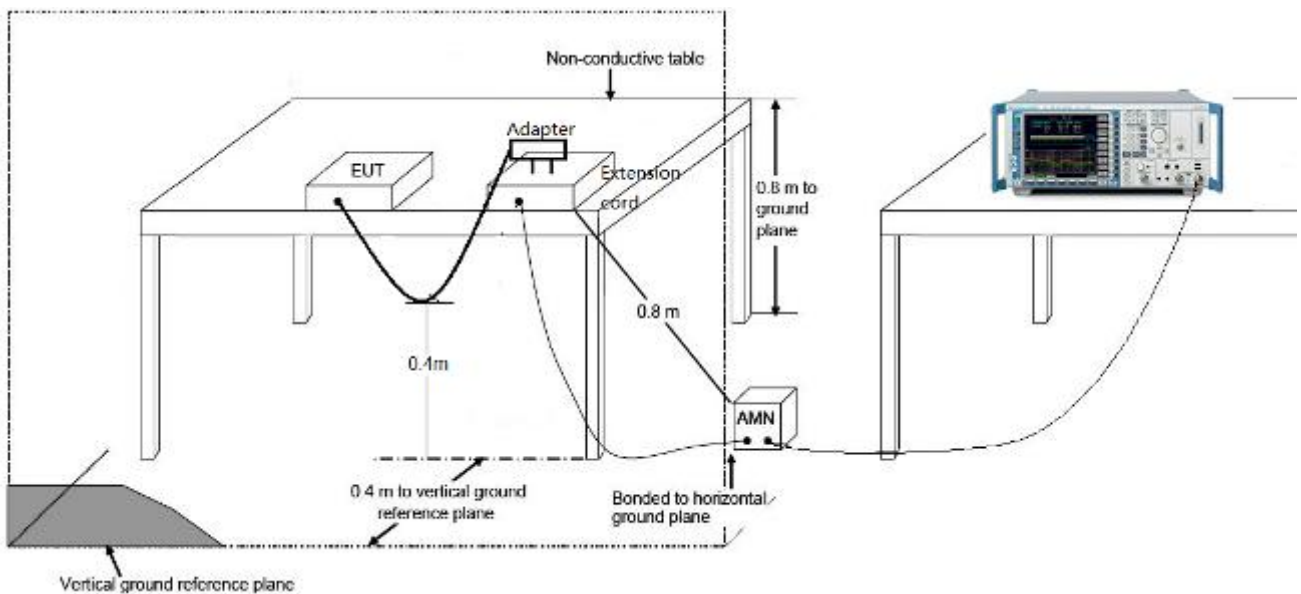
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

The product is DC powered. Not applicable.

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Wireless Router Module** is in compliance with Part 15C of the FCC Rules.

Statement

1. This report is invalid for the following states: without the special inspection and testing stamp or the official stamp of our institution; without the signature of the report authorized officer; if the report is altered.
2. It is forbidden to copy partial contents of the report except in full without the approval of our institution.
3. The client shall provide the test sample(s) and commission information and be responsible for their authenticity.
4. The report content is only applicable to the tested sample(s) this time.
5. If there are any objections to the report content, please submit them to our company in writing within 15 days from the date of receiving the report.
6. If the reports include both Chinese and English versions, when there are any inconsistencies caused by language, the Chinese version shall prevail.
7. Information about laboratory sites involved in our company:

No.2, Fangda Road, Yunpu Industrial Zone, Huangpu District, Guangzhou, Guangdong, China (Huangpu Laboratory)

Building 2 and Building 3, GRGTest Science and Technology Industrial Park, No.8, Chuangyun Road, Panyu District, Guangzhou, Guangdong, China (Panyu Laboratory)

Building G9, China Sensor Network International Innovation Park, No.200, Linghu Avenue, Wuxi, Jiangsu, China (Wuxi Innovation Park Laboratory)

Building 3, Maoxuan Industrial Park, No.81, Jinma Road, Hongshan Subdistrict, Xinwu District, Wuxi, Jiangsu, China (Maoxuan Industrial Park Laboratory)

3/F., Comprehensive Laboratory Building, No.8, Ningyun Road, Xinwu District, Wuxi, Jiangsu, China (Ningyun Road Laboratory)

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