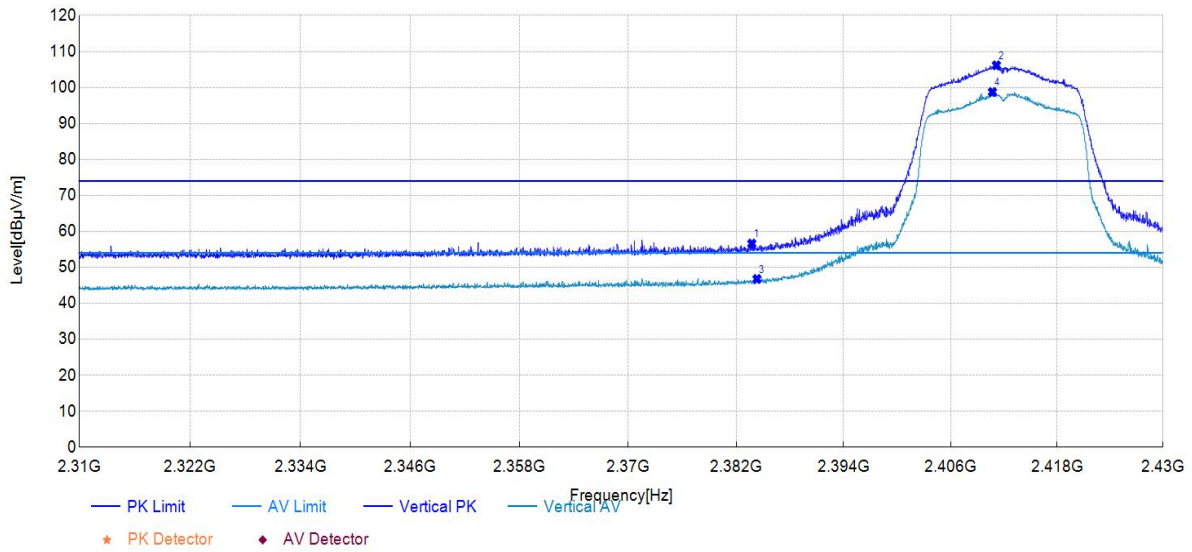




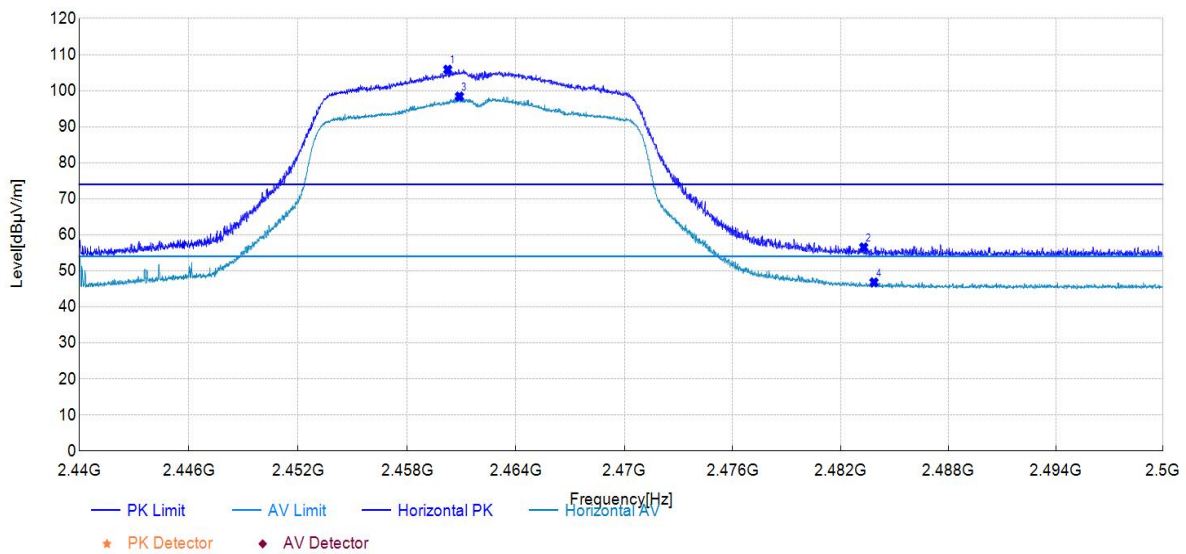
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2383.76	20.68	56.61	35.93	74.00	17.39	150	150	PK	Vertical	PASS
2	2411.16	70.17	106.17	36.00	/	/	150	3	PK	Vertical	PASS
3	2384.33	10.85	46.78	35.93	54.00	7.22	150	19	AV	Vertical	PASS
4	2410.71	62.74	98.74	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:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT20 Antenna1 at Channel 2462MHz		

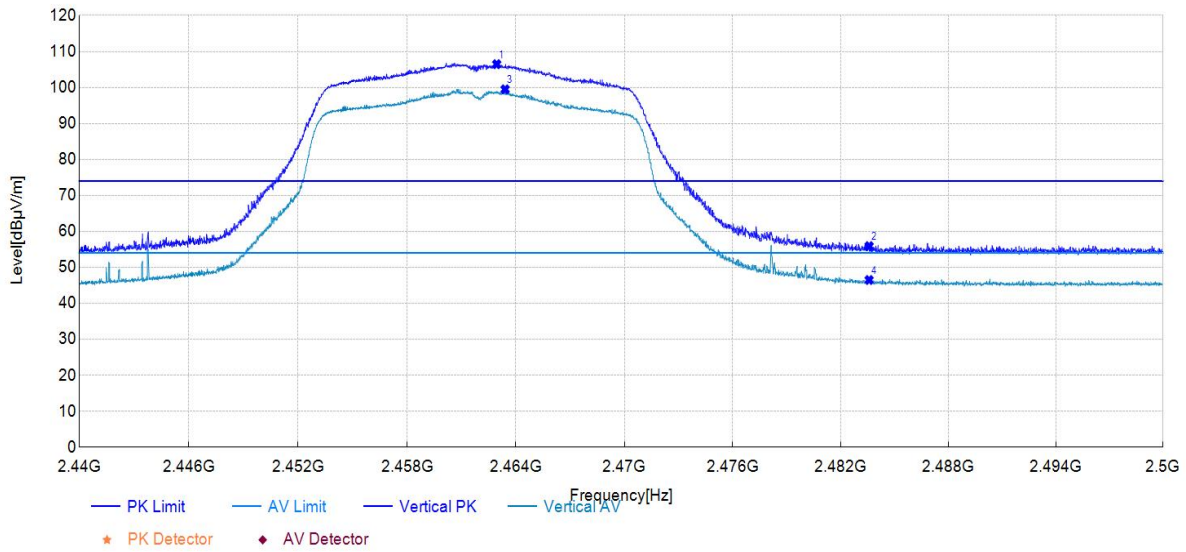


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2460.24	69.55	105.85	36.30	/	/	150	322	PK	Horizontal	PASS
2	2483.59	20.19	56.55	36.36	74.00	17.45	150	28	PK	Horizontal	PASS
3	2460.89	62.08	98.39	36.31	/	/	150	318	AV	Horizontal	PASS
4	2483.86	10.46	46.82	36.36	54.00	7.18	150	125	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



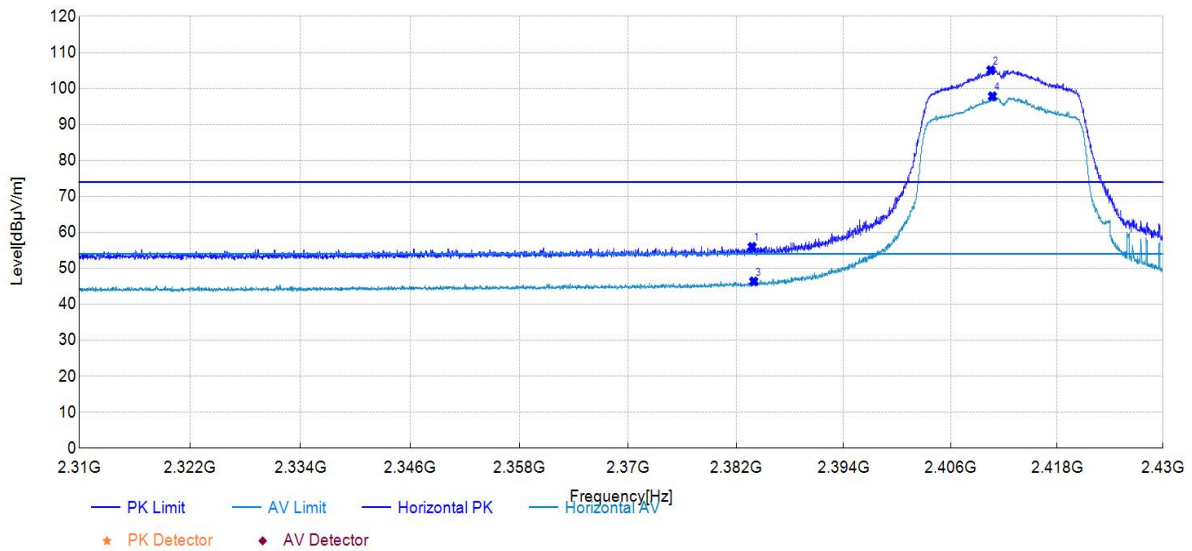
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.94	70.42	106.48	36.06	/	/	150	360	PK	Vertical	PASS
2	2483.59	19.82	55.90	36.08	74.00	18.10	150	37	PK	Vertical	PASS
3	2463.41	63.42	99.48	36.06	/	/	150	6	AV	Vertical	PASS
4	2483.59	10.41	46.49	36.08	54.00	7.51	150	86	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT20 Antenna2 at Channel 2412MHz		

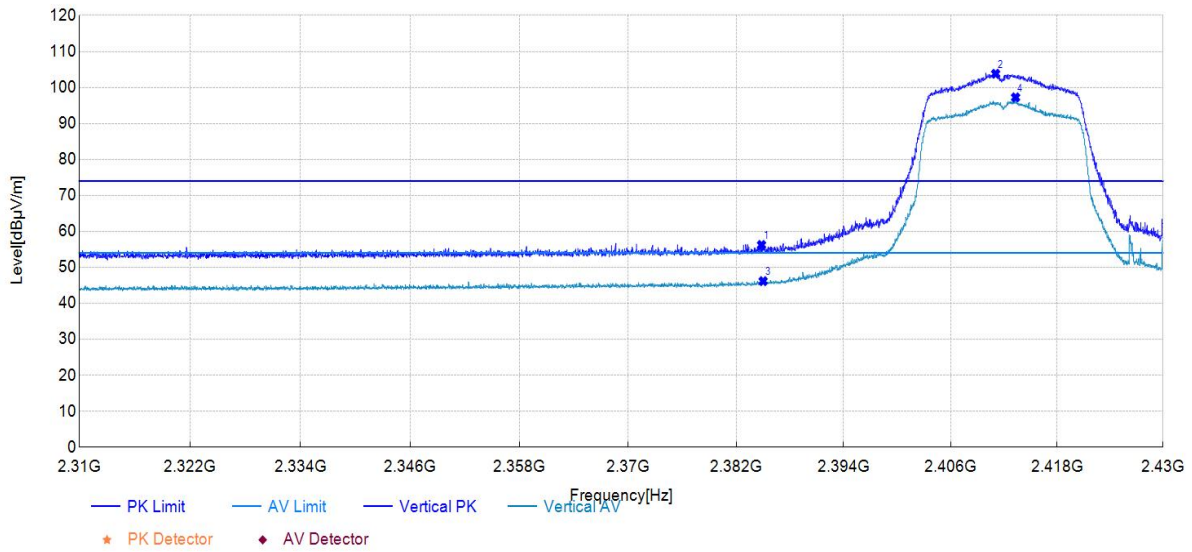


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2383.79	19.91	55.98	36.07	74.00	18.02	150	340	PK	Horizontal	PASS
2	2410.53	68.89	105.07	36.18	/	/	150	322	PK	Horizontal	PASS
3	2383.97	10.30	46.37	36.07	54.00	7.63	150	318	AV	Horizontal	PASS
4	2410.71	61.65	97.83	36.18	/	/	150	322	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

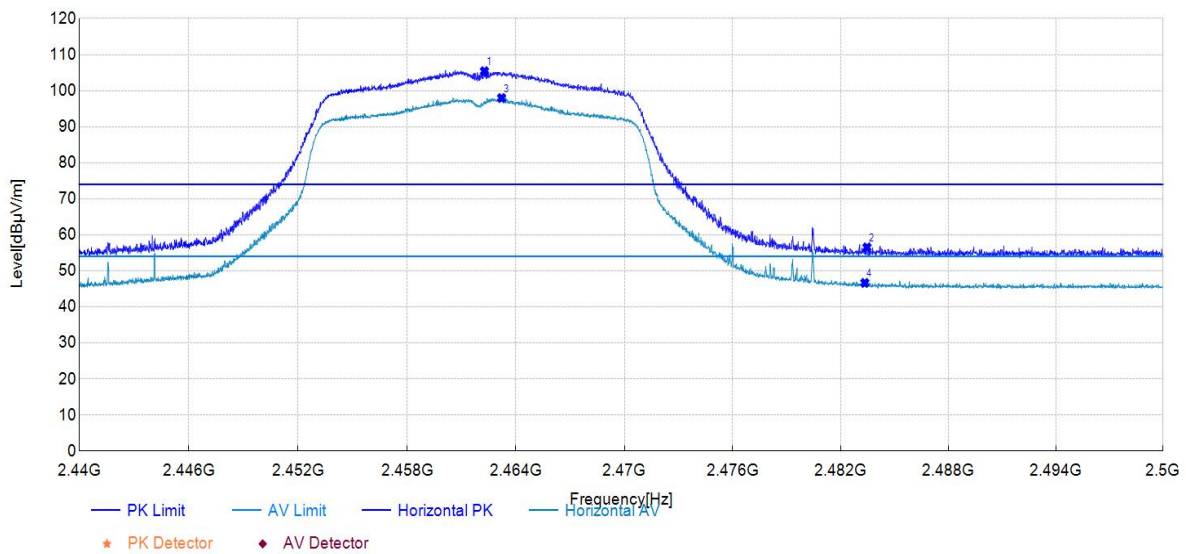
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2384.84	20.29	56.22	35.93	74.00	17.78	150	179	PK	Vertical	PASS
2	2411.07	67.81	103.81	36.00	/	/	150	156	PK	Vertical	PASS
3	2385.02	10.23	46.17	35.94	54.00	7.83	150	23	AV	Vertical	PASS
4	2413.32	61.24	97.24	36.00	/	/	150	160	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT20 Antenna2 at Channel 2462MHz		

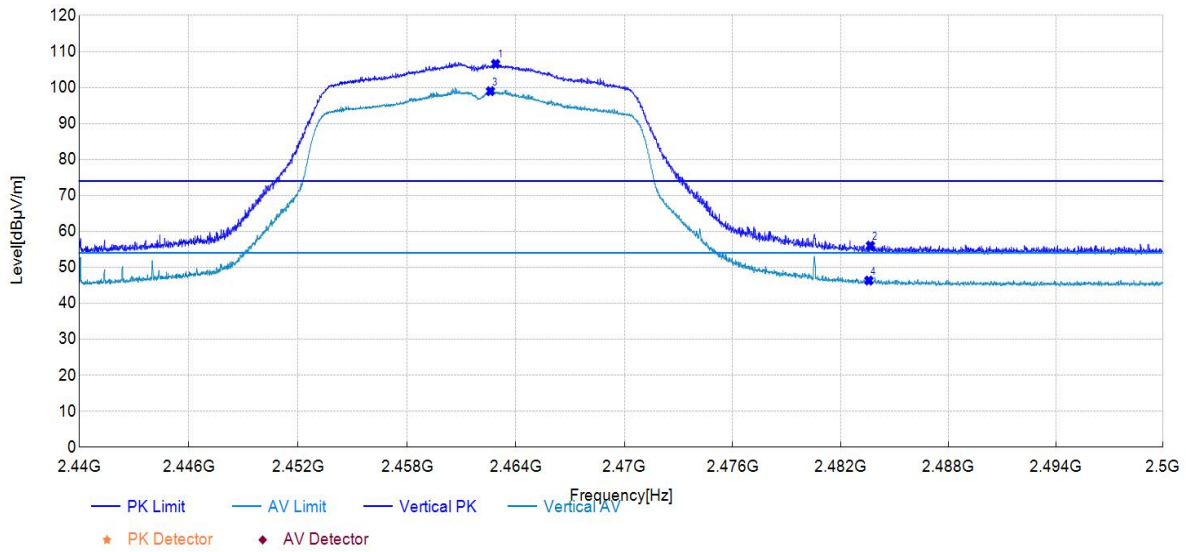


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.27	69.10	105.41	36.31	/	/	150	316	PK	Horizontal	PASS
2	2483.57	20.15	56.51	36.36	74.00	17.49	150	32	PK	Horizontal	PASS
3	2463.21	61.65	97.96	36.31	/	/	150	319	AV	Horizontal	PASS
4	2483.65	10.30	46.66	36.36	54.00	7.34	150	309	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

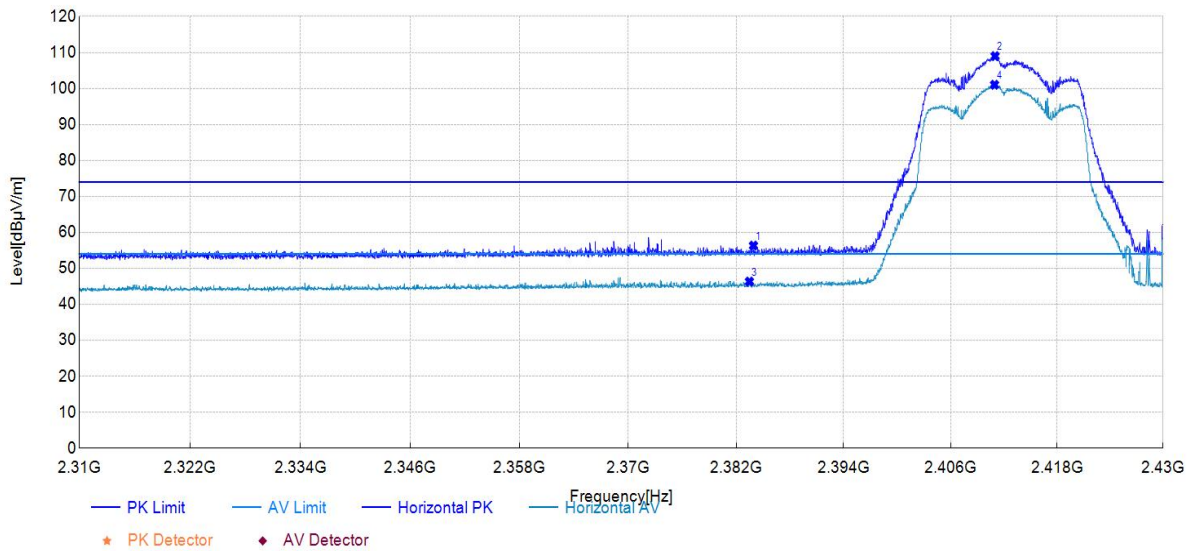
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.88	70.50	106.56	36.06	/	/	150	3	PK	Vertical	PASS
2	2483.66	19.95	56.03	36.08	74.00	17.97	150	154	PK	Vertical	PASS
3	2462.60	62.92	98.98	36.06	/	/	150	6	AV	Vertical	PASS
4	2483.57	10.25	46.33	36.08	54.00	7.67	150	82	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT20 MIMO at Channel 2412MHz		

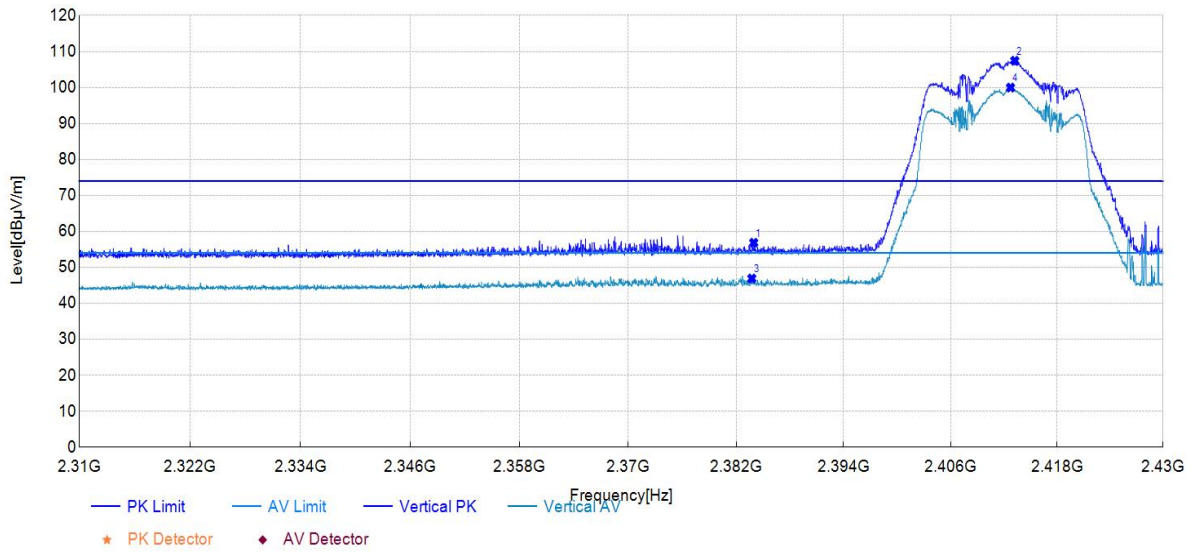


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2383.94	20.26	56.33	36.07	74.00	17.67	150	32	PK	Horizontal	PASS
2	2411.01	72.81	108.99	36.18	/	/	150	325	PK	Horizontal	PASS
3	2383.49	10.26	46.33	36.07	54.00	7.67	150	315	AV	Horizontal	PASS
4	2410.95	64.86	101.04	36.18	/	/	150	325	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

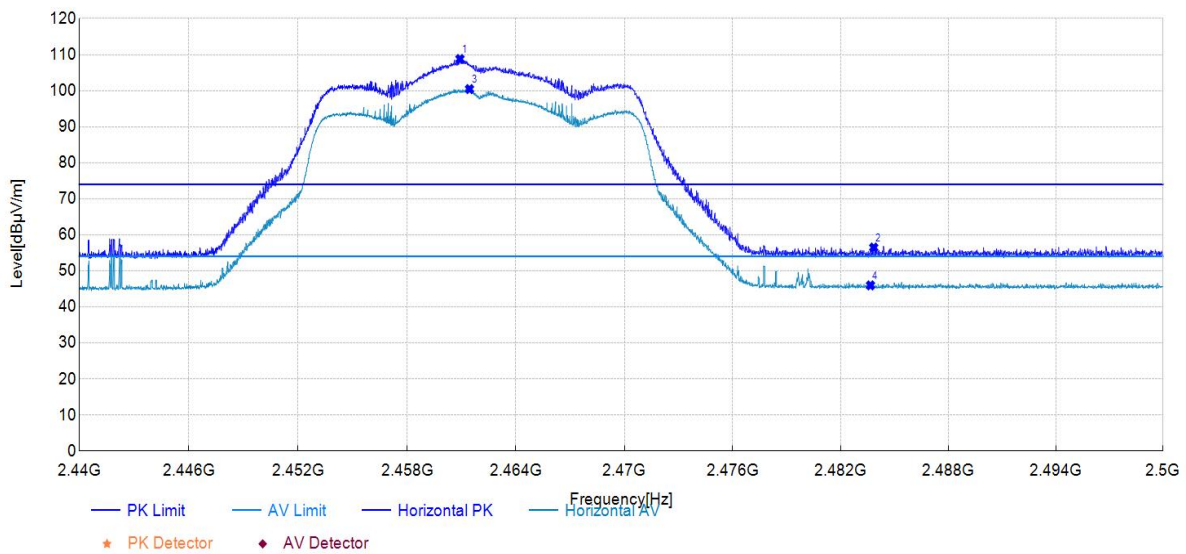
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2383.97	20.91	56.84	35.93	74.00	17.16	150	0	PK	Vertical	PASS
2	2413.23	71.43	107.43	36.00	/	/	150	8	PK	Vertical	PASS
3	2383.76	10.97	46.90	35.93	54.00	7.10	150	360	AV	Vertical	PASS
4	2412.75	63.97	99.97	36.00	/	/	150	22	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT20 MIMO at Channel 2462MHz		

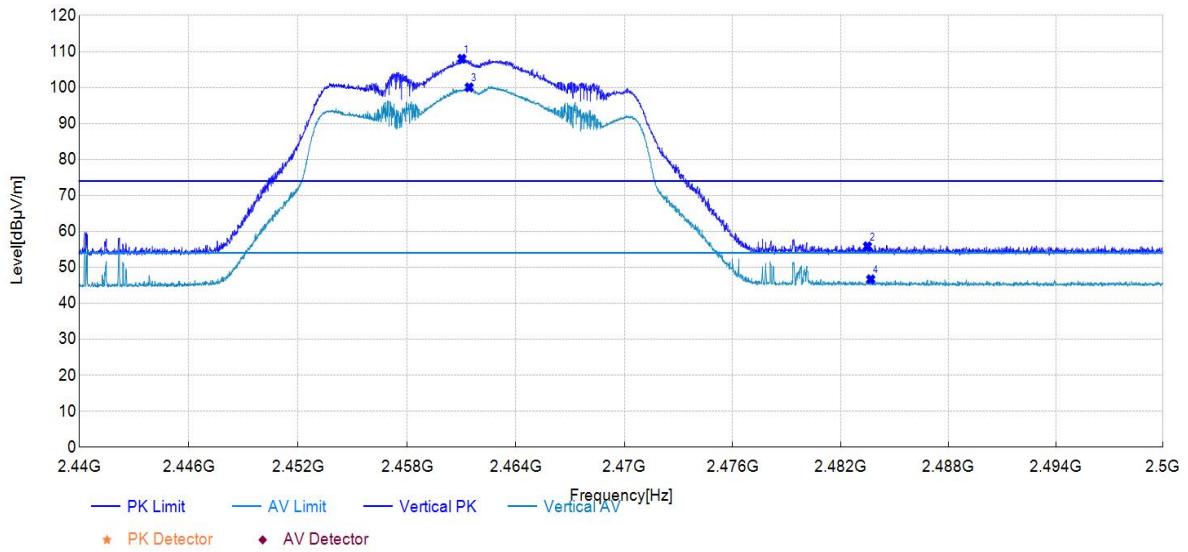


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2460.92	72.49	108.80	36.31	/	/	150	315	PK	Horizontal	PASS
2	2483.84	20.11	56.47	36.36	74.00	17.53	150	360	PK	Horizontal	PASS
3	2461.44	64.14	100.45	36.31	/	/	150	319	AV	Horizontal	PASS
4	2483.66	9.61	45.97	36.36	54.00	8.03	150	208	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

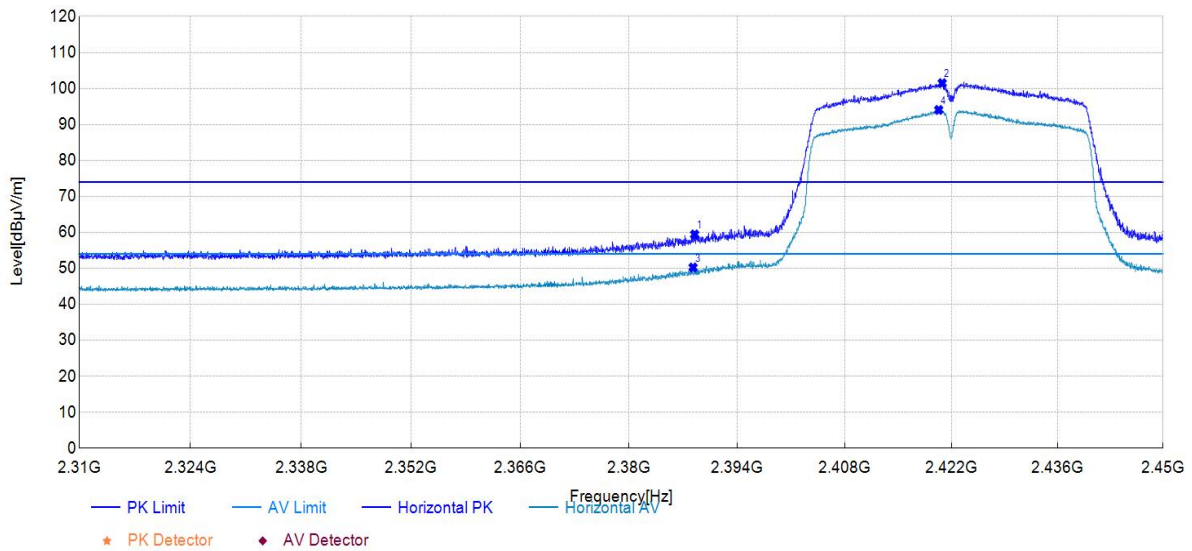
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2461.02	71.92	107.98	36.06	/	/	150	5	PK	Vertical	PASS
2	2483.60	19.78	55.86	36.08	74.00	18.14	150	93	PK	Vertical	PASS
3	2461.43	63.96	100.02	36.06	/	/	150	8	AV	Vertical	PASS
4	2483.68	10.60	46.68	36.08	54.00	7.32	150	36	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT40 Antenna1 at Channel 2422MHz		

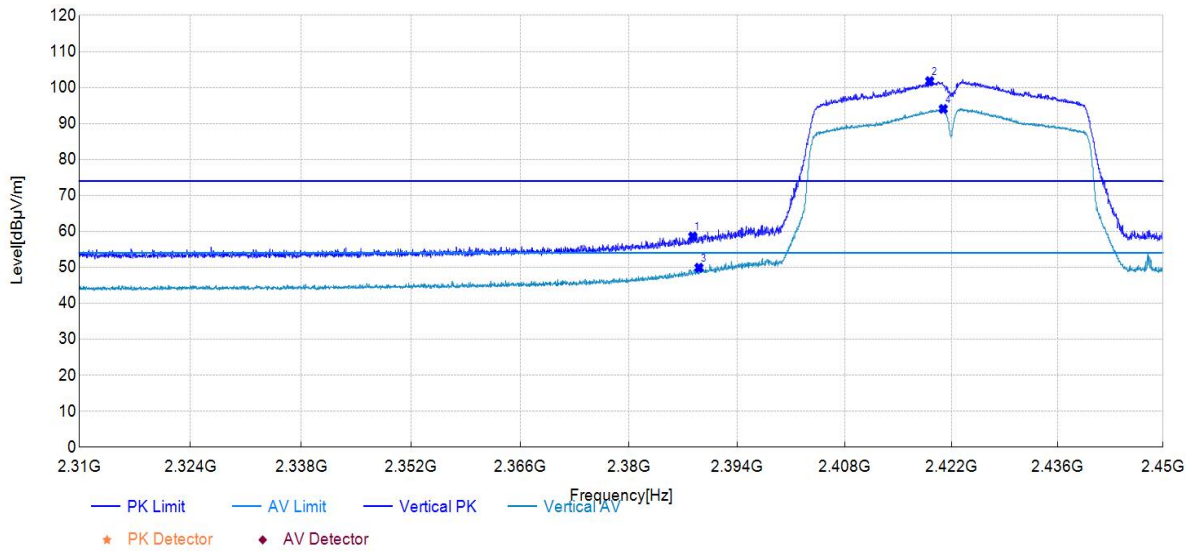


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.49	23.33	59.42	36.09	74.00	14.58	150	317	PK	Horizontal	PASS
2	2420.80	65.28	101.48	36.20	/	/	150	32	PK	Horizontal	PASS
3	2388.28	14.15	50.24	36.09	54.00	3.76	150	321	AV	Horizontal	PASS
4	2420.35	57.84	94.04	36.20	/	/	150	24	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

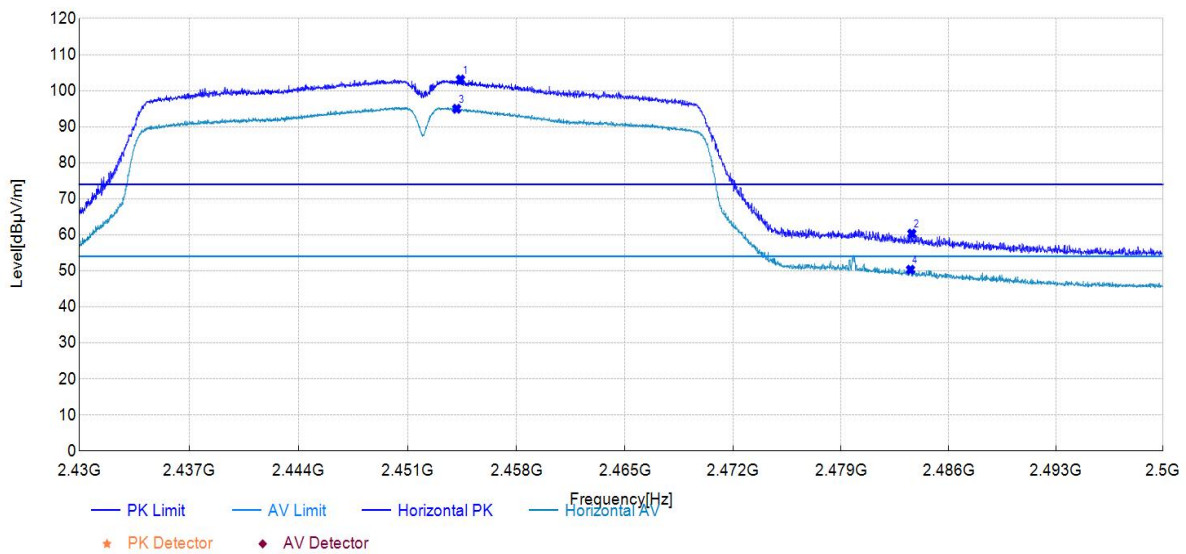
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.24	22.64	58.59	35.95	74.00	15.41	150	133	PK	Vertical	PASS
2	2419.16	65.76	101.77	36.01	/	/	150	8	PK	Vertical	PASS
3	2389.05	13.95	49.90	35.95	54.00	4.10	150	154	AV	Vertical	PASS
4	2420.94	58.02	94.03	36.01	/	/	150	3	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT40 Antenna1 at Channel 2452MHz		

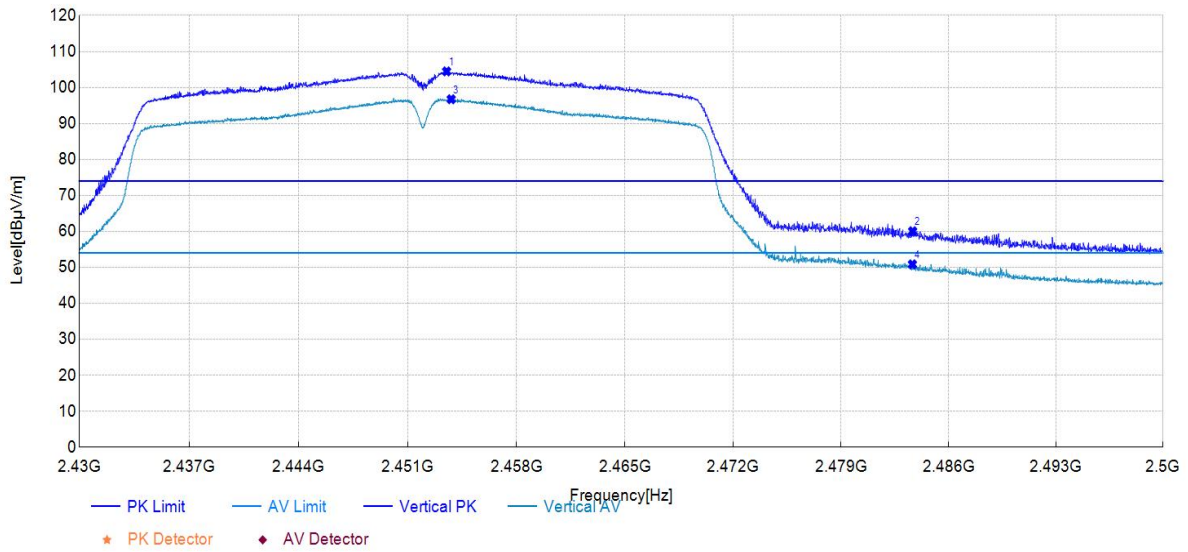


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2454.40	66.81	103.10	36.29	/	/	150	315	PK	Horizontal	PASS
2	2483.60	23.97	60.33	36.36	74.00	13.67	150	319	PK	Horizontal	PASS
3	2454.16	58.68	94.97	36.29	/	/	150	315	AV	Horizontal	PASS
4	2483.61	13.95	50.31	36.36	54.00	3.69	150	315	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



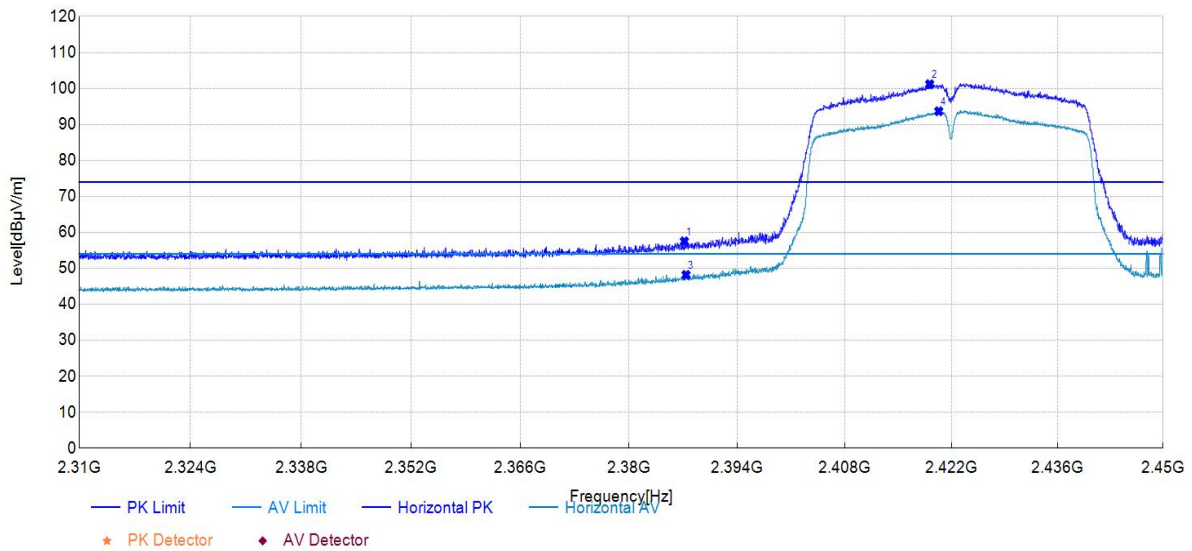
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2453.51	68.42	104.47	36.05	/	/	150	0	PK	Vertical	PASS
2	2483.65	23.97	60.05	36.08	74.00	13.95	150	136	PK	Vertical	PASS
3	2453.81	60.68	96.73	36.05	/	/	150	2	AV	Vertical	PASS
4	2483.63	14.76	50.84	36.08	54.00	3.16	150	136	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT40 Antenna2 at Channel 2422MHz		

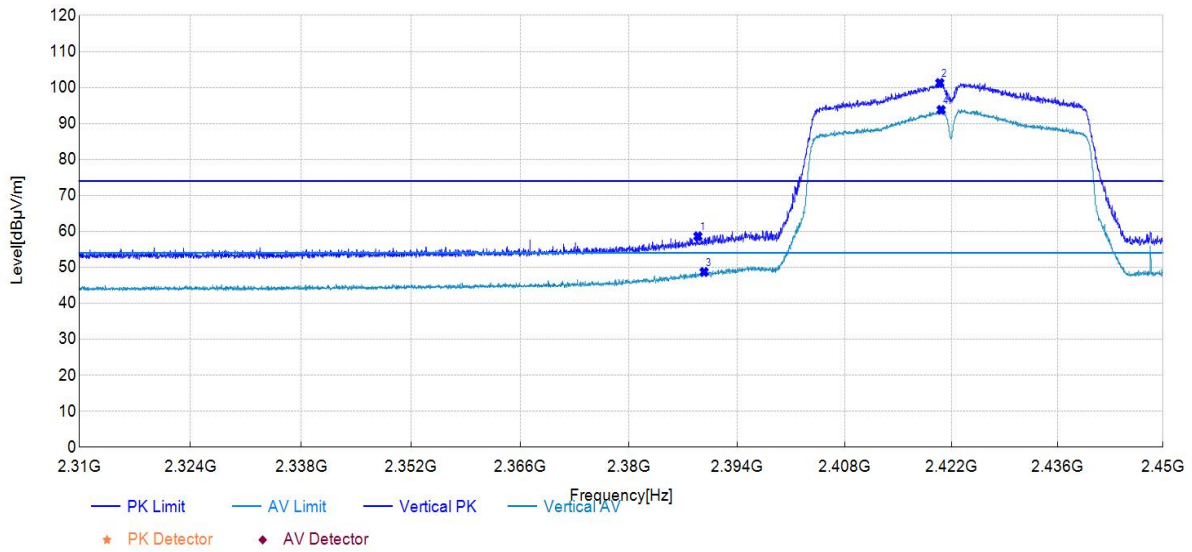


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2387.16	21.42	57.51	36.09	74.00	16.49	150	28	PK	Horizontal	PASS
2	2419.16	64.98	101.18	36.20	/	/	150	316	PK	Horizontal	PASS
3	2387.37	12.10	48.19	36.09	54.00	5.81	150	24	AV	Horizontal	PASS
4	2420.35	57.47	93.67	36.20	/	/	150	326	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

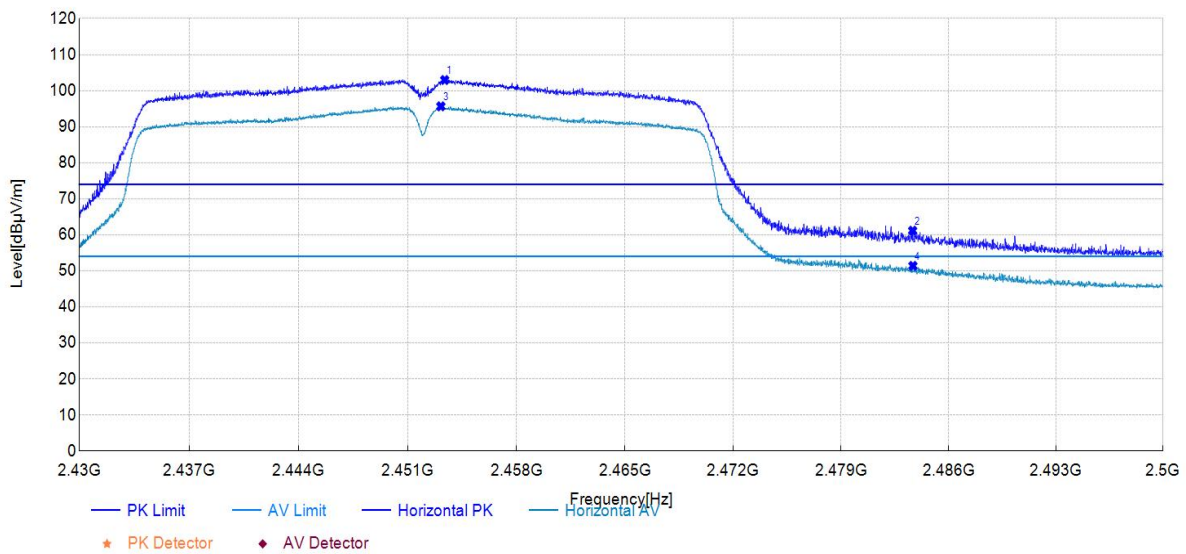
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.91	22.68	58.63	35.95	74.00	15.37	150	27	PK	Vertical	PASS
2	2420.49	65.24	101.25	36.01	/	/	150	157	PK	Vertical	PASS
3	2389.71	12.77	48.72	35.95	54.00	5.28	150	8	AV	Vertical	PASS
4	2420.66	57.76	93.77	36.01	/	/	150	157	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT40 Antenna2 at Channel 2452MHz		

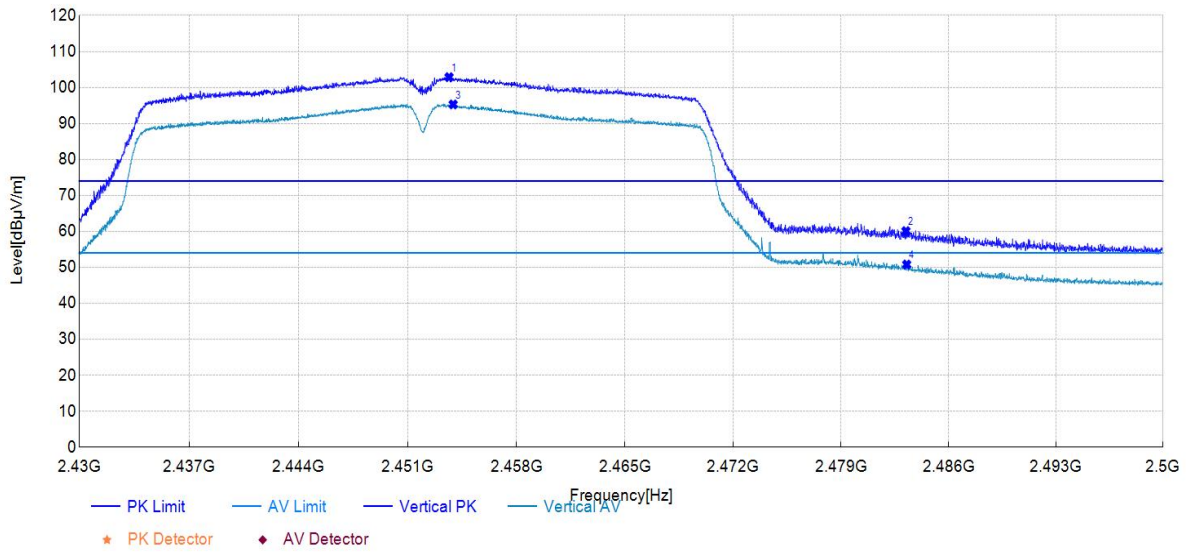


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2453.39	66.67	102.96	36.29	/	/	150	315	PK	Horizontal	PASS
2	2483.65	24.79	61.15	36.36	74.00	12.85	150	315	PK	Horizontal	PASS
3	2453.14	59.37	95.66	36.29	/	/	150	318	AV	Horizontal	PASS
4	2483.67	15.03	51.39	36.36	54.00	2.61	150	315	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

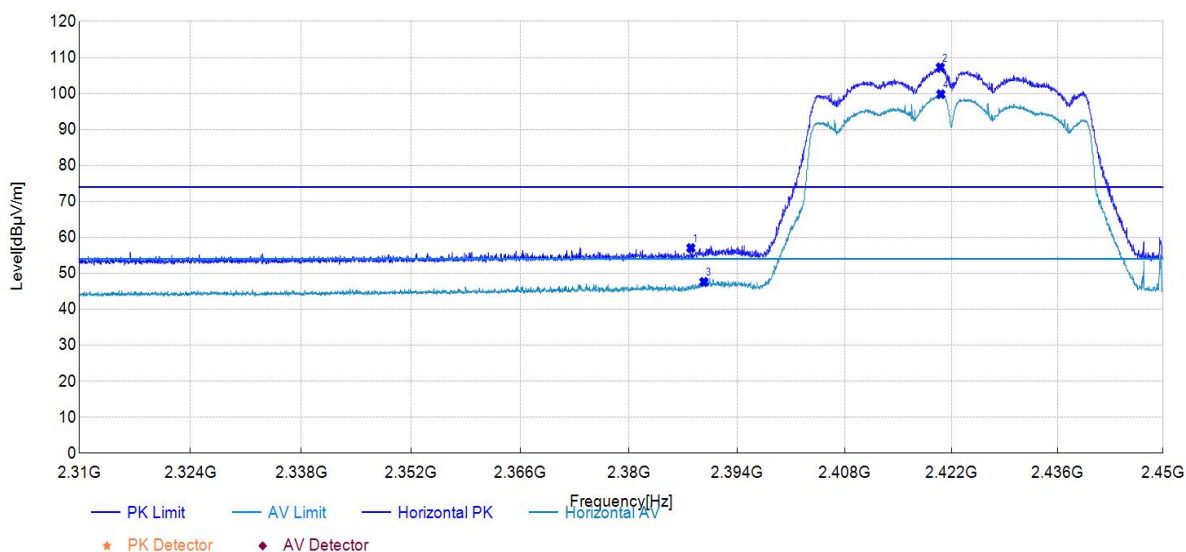
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2453.67	66.81	102.86	36.05	/	/	150	165	PK	Vertical	PASS
2	2483.61	24.00	60.08	36.08	74.00	13.92	150	0	PK	Vertical	PASS
3	2453.93	59.24	95.29	36.05	/	/	150	161	AV	Vertical	PASS
4	2483.77	14.71	50.79	36.08	54.00	3.21	150	15	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT40 MIMO at Channel 2422MHz		

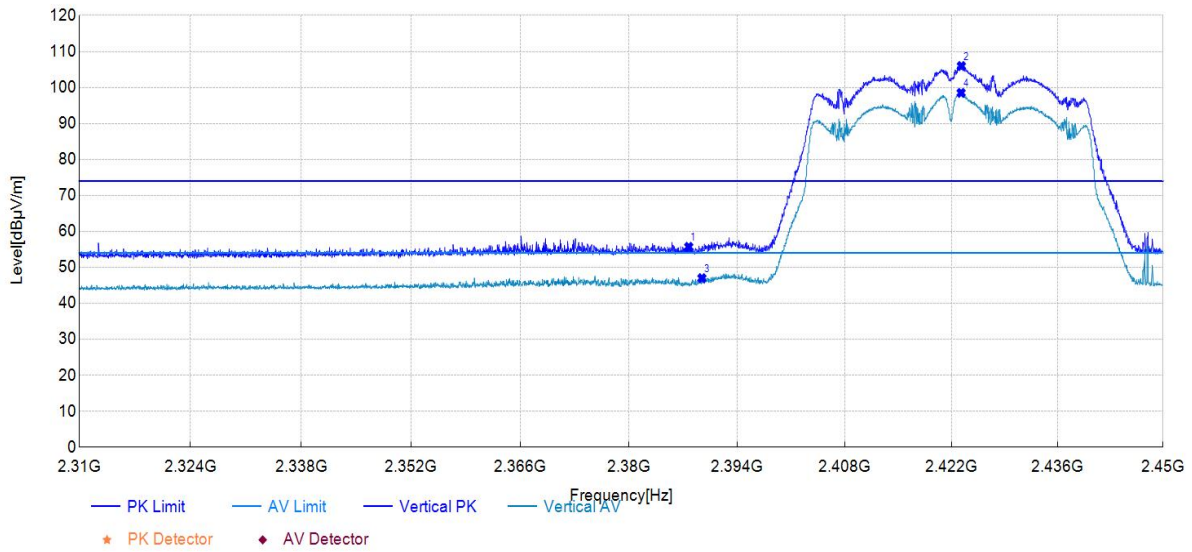


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.00	20.95	57.04	36.09	74.00	16.96	150	329	PK	Horizontal	PASS
2	2420.56	71.06	107.26	36.20	/	/	150	325	PK	Horizontal	PASS
3	2389.68	11.51	47.61	36.10	54.00	6.39	150	315	AV	Horizontal	PASS
4	2420.63	63.59	99.79	36.20	/	/	150	325	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

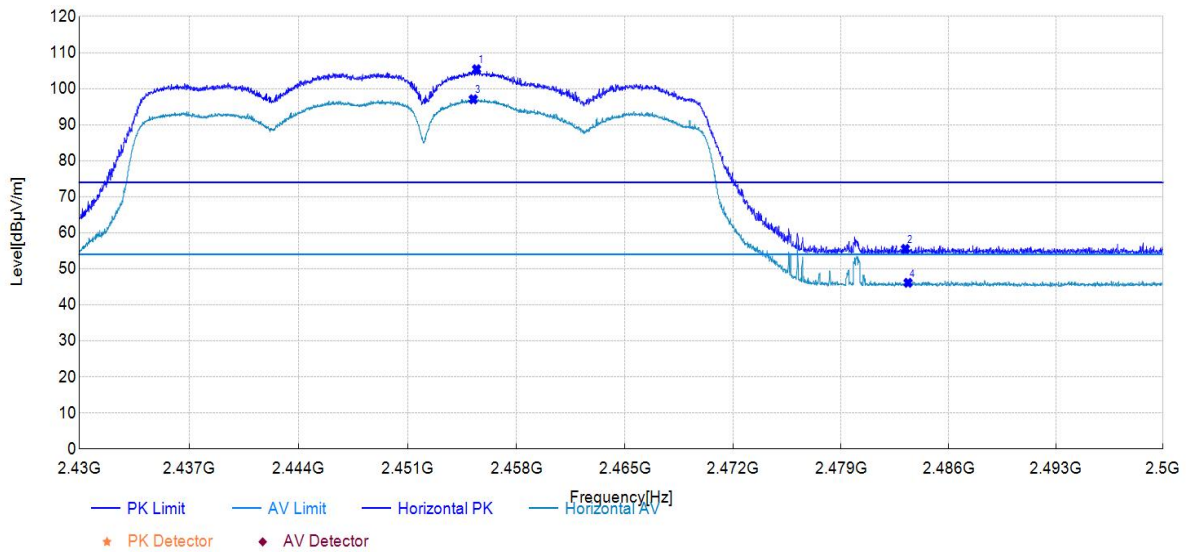
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2387.72	19.75	55.70	35.95	74.00	18.30	150	130	PK	Vertical	PASS
2	2423.32	69.95	105.96	36.01	/	/	150	19	PK	Vertical	PASS
3	2389.43	11.03	46.98	35.95	54.00	7.02	150	0	AV	Vertical	PASS
4	2423.29	62.49	98.50	36.01	/	/	150	11	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT40 MIMO at Channel 2452MHz		

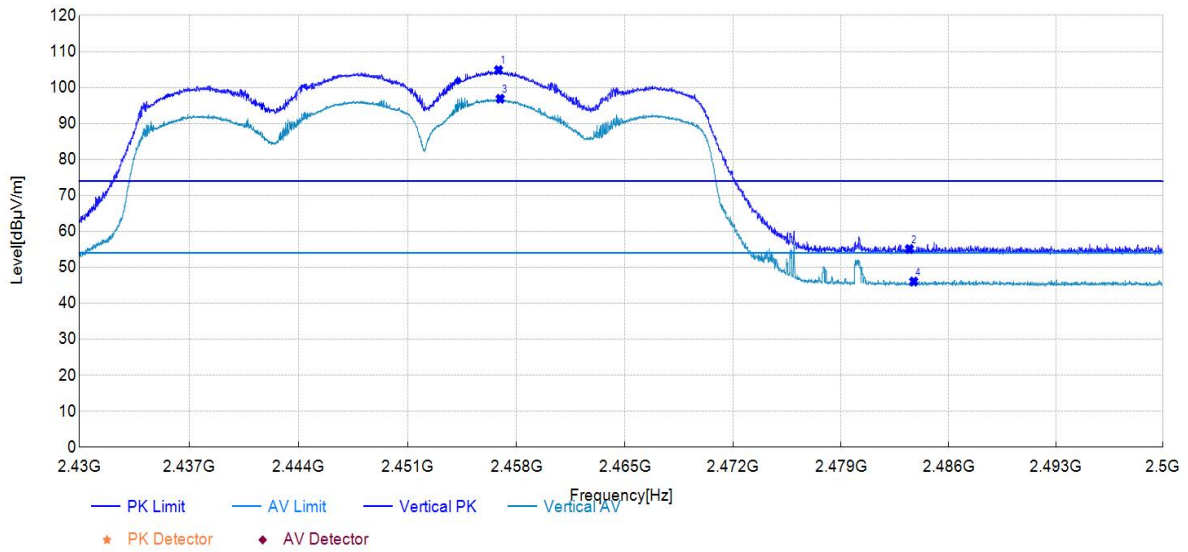


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2455.43	69.12	105.41	36.29	/	/	150	323	PK	Horizontal	PASS
2	2483.68	19.18	55.54	36.36	74.00	18.46	150	14	PK	Horizontal	PASS
3	2455.22	60.77	97.06	36.29	/	/	150	316	AV	Horizontal	PASS
4	2483.65	9.77	46.13	36.36	54.00	7.87	150	147	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

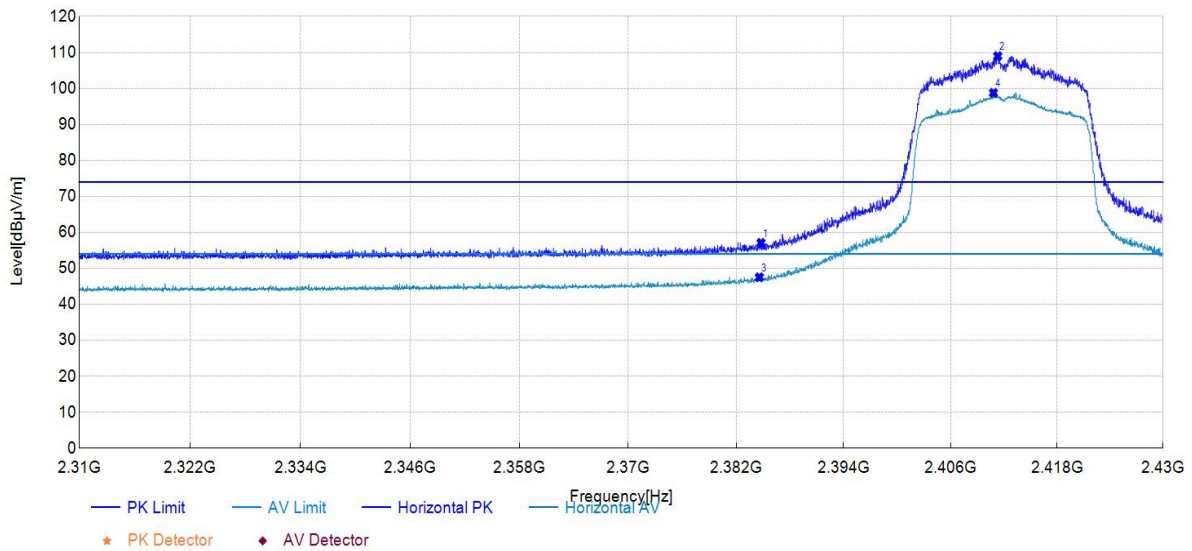
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2456.85	68.77	104.83	36.06	/	/	150	5	PK	Vertical	PASS
2	2483.64	19.02	55.10	36.08	74.00	18.90	150	81	PK	Vertical	PASS
3	2456.96	60.81	96.87	36.06	/	/	150	5	AV	Vertical	PASS
4	2483.72	9.99	46.07	36.08	54.00	7.93	150	17	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE20 Antenna1 at Channel 2412MHz		

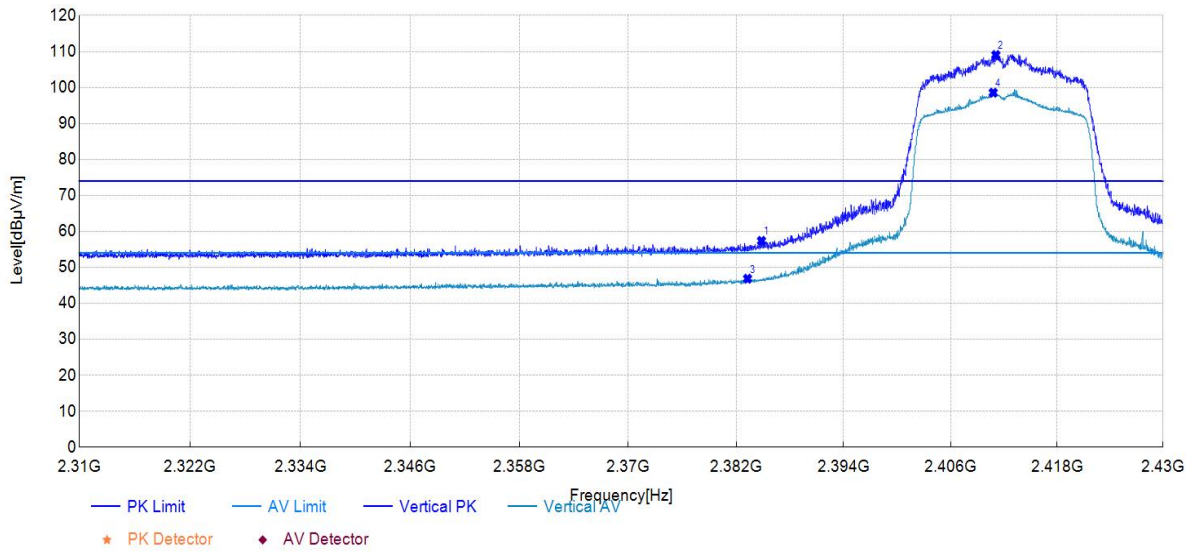


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2384.78	21.00	57.07	36.07	74.00	16.93	150	329	PK	Horizontal	PASS
2	2411.31	72.82	109.00	36.18	/	/	150	318	PK	Horizontal	PASS
3	2384.60	11.44	47.51	36.07	54.00	6.49	150	21	AV	Horizontal	PASS
4	2410.83	62.59	98.77	36.18	/	/	150	32	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

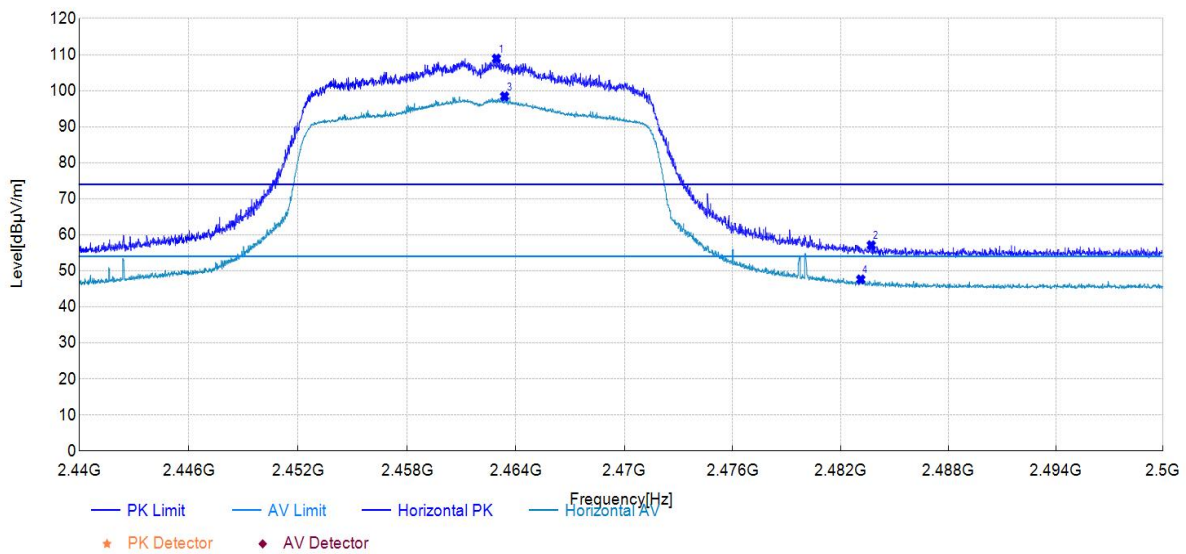
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2384.84	21.44	57.37	35.93	74.00	16.63	150	58	PK	Vertical	PASS
2	2411.10	73.02	109.02	36.00	/	/	150	0	PK	Vertical	PASS
3	2383.28	10.93	46.85	35.92	54.00	7.15	150	40	AV	Vertical	PASS
4	2410.80	62.55	98.55	36.00	/	/	150	26	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE20 Antenna1 at Channel 2462MHz		

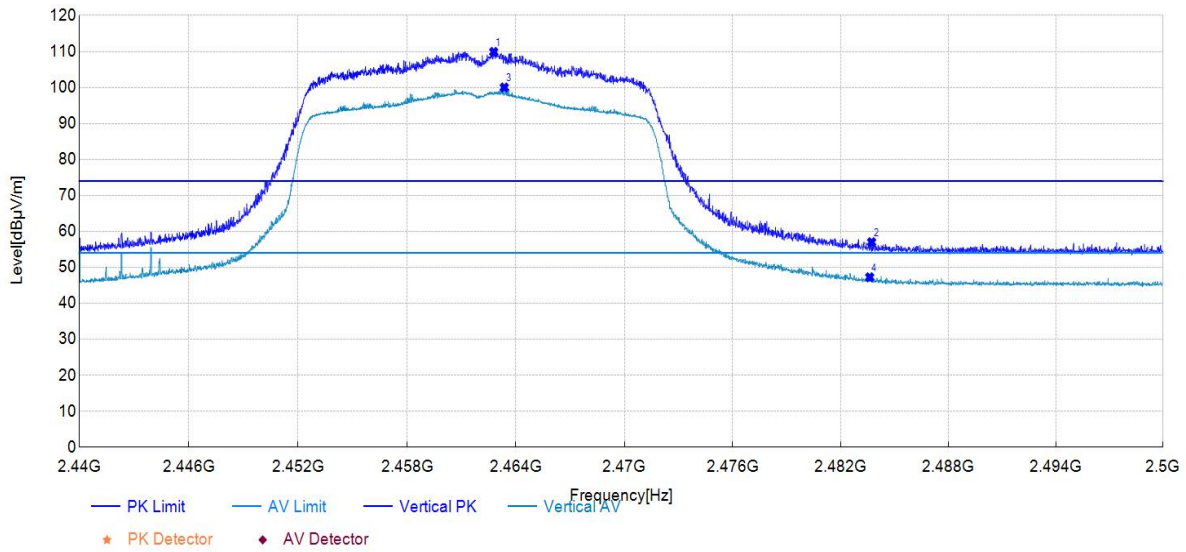


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.93	72.60	108.91	36.31	/	/	150	318	PK	Horizontal	PASS
2	2483.71	20.75	57.11	36.36	74.00	16.89	150	21	PK	Horizontal	PASS
3	2463.38	62.12	98.43	36.31	/	/	150	314	AV	Horizontal	PASS
4	2483.62	11.26	47.62	36.36	54.00	6.38	150	31	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

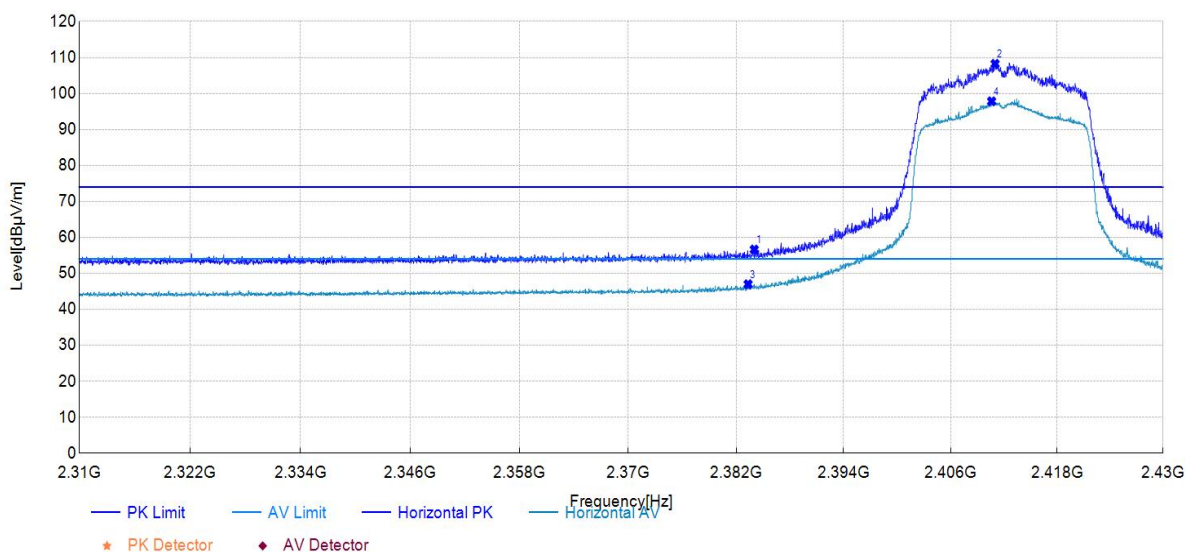
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.78	73.84	109.90	36.06	/	/	150	5	PK	Vertical	PASS
2	2483.72	20.93	57.01	36.08	74.00	16.99	150	47	PK	Vertical	PASS
3	2463.36	63.94	100.00	36.06	/	/	150	3	AV	Vertical	PASS
4	2483.62	11.18	47.26	36.08	54.00	6.74	150	164	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE20 Antenna2 at Channel 2412MHz		

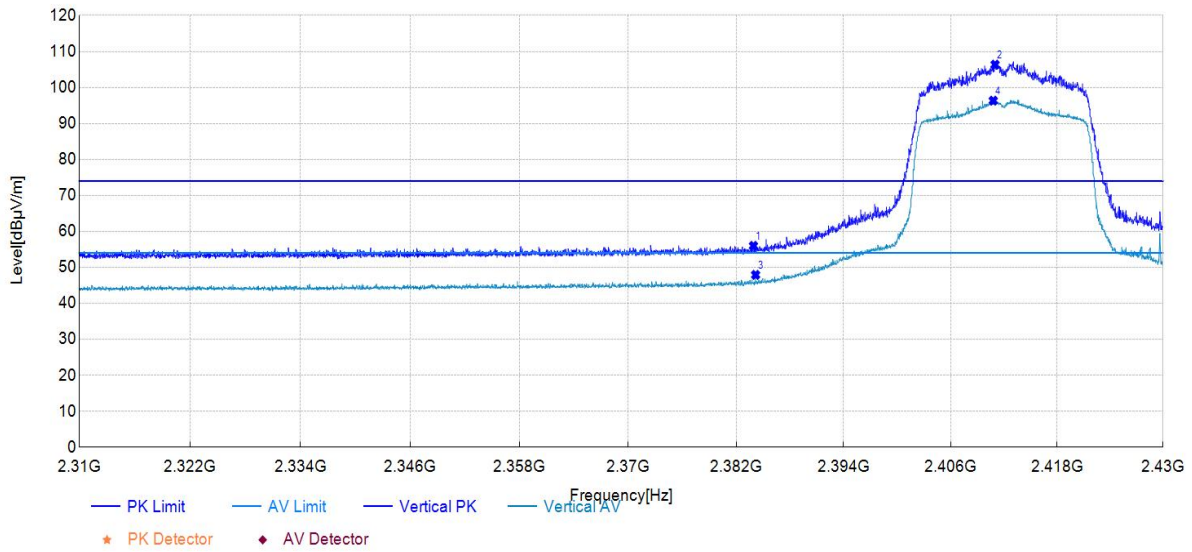


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2384.03	20.55	56.62	36.07	74.00	17.38	150	248	PK	Horizontal	PASS
2	2411.01	72.06	108.24	36.18	/	/	150	326	PK	Horizontal	PASS
3	2383.34	10.91	46.98	36.07	54.00	7.02	150	323	AV	Horizontal	PASS
4	2410.62	61.65	97.83	36.18	/	/	150	323	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

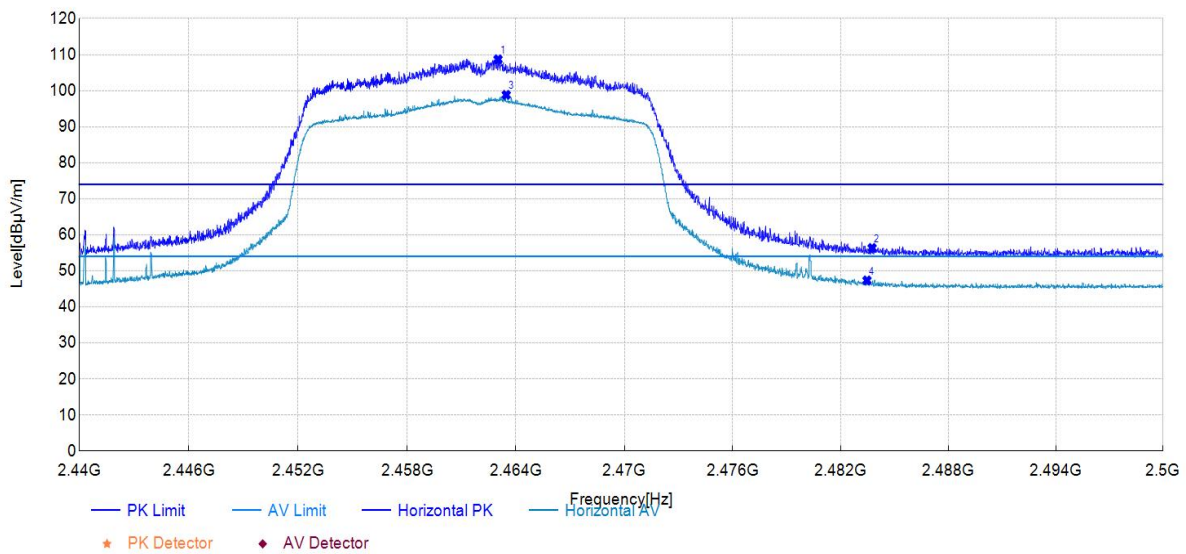
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2383.94	20.05	55.98	35.93	74.00	18.02	150	292	PK	Vertical	PASS
2	2411.01	70.36	106.36	36.00	/	/	150	153	PK	Vertical	PASS
3	2384.18	11.98	47.91	35.93	54.00	6.09	150	10	AV	Vertical	PASS
4	2410.80	60.34	96.34	36.00	/	/	150	156	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE20 Antenna2 at Channel 2462MHz		

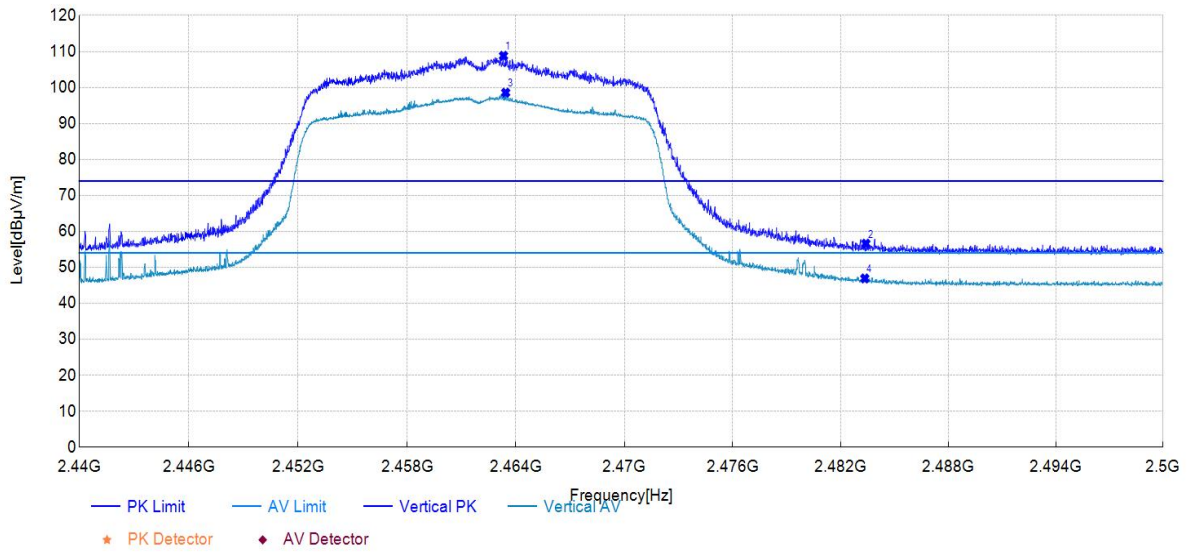


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2463.02	72.38	108.69	36.31	/	/	150	314	PK	Horizontal	PASS
2	2483.75	19.99	56.35	36.36	74.00	17.65	150	332	PK	Horizontal	PASS
3	2463.47	62.52	98.83	36.31	/	/	150	318	AV	Horizontal	PASS
4	2483.67	10.99	47.35	36.36	54.00	6.65	150	321	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

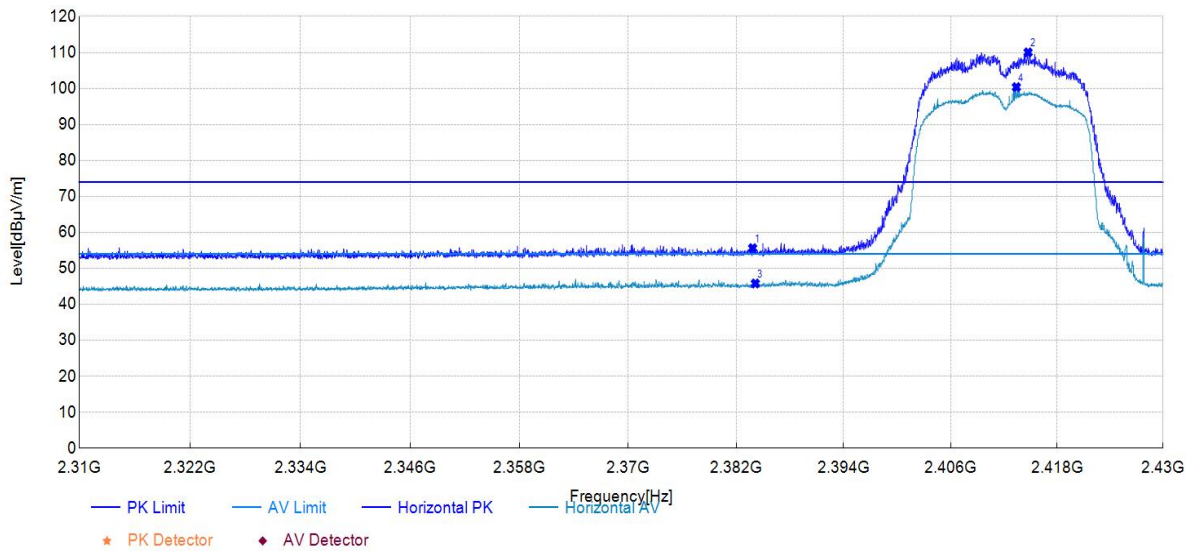
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2463.32	72.75	108.81	36.06	/	/	150	132	PK	Vertical	PASS
2	2483.61	20.52	56.60	36.08	74.00	17.40	150	0	PK	Vertical	PASS
3	2463.44	62.51	98.57	36.06	/	/	150	136	AV	Vertical	PASS
4	2483.65	10.84	46.92	36.08	54.00	7.08	150	5	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE20 MIMO at Channel 2412MHz		

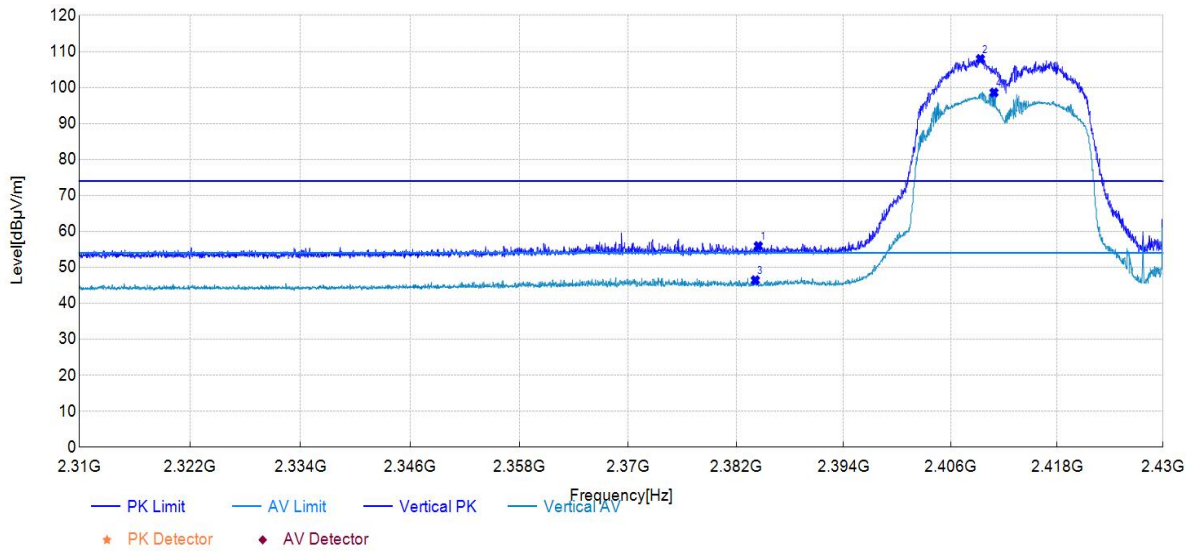


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2383.85	19.54	55.61	36.07	74.00	18.39	150	32	PK	Horizontal	PASS
2	2414.73	73.84	110.03	36.19	/	/	150	328	PK	Horizontal	PASS
3	2384.15	9.73	45.80	36.07	54.00	8.20	150	321	AV	Horizontal	PASS
4	2413.41	64.20	100.38	36.18	/	/	150	313	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



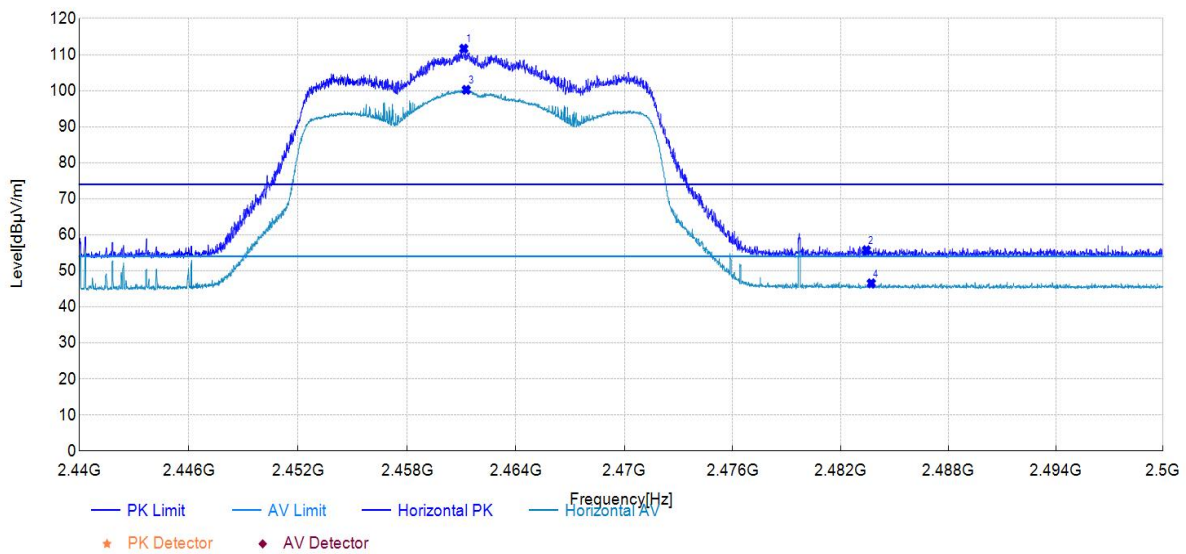
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2384.48	19.99	55.92	35.93	74.00	18.08	150	0	PK	Vertical	PASS
2	2409.35	71.91	107.91	36.00	/	/	150	28	PK	Vertical	PASS
3	2384.15	10.49	46.42	35.93	54.00	7.58	150	21	AV	Vertical	PASS
4	2410.89	62.59	98.59	36.00	/	/	150	21	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE20 MIMO at Channel 2462MHz		

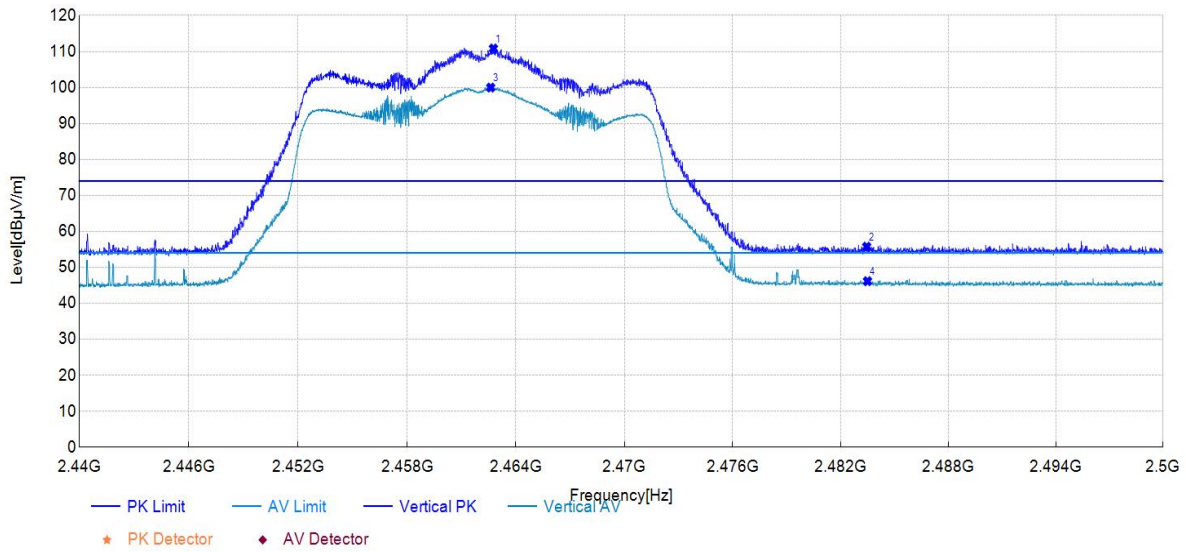


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2461.13	75.35	111.66	36.31	/	/	150	318	PK	Horizontal	PASS
2	2483.64	19.36	55.72	36.36	74.00	18.28	150	239	PK	Horizontal	PASS
3	2461.26	63.93	100.24	36.31	/	/	150	315	AV	Horizontal	PASS
4	2483.71	10.19	46.55	36.36	54.00	7.45	150	360	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

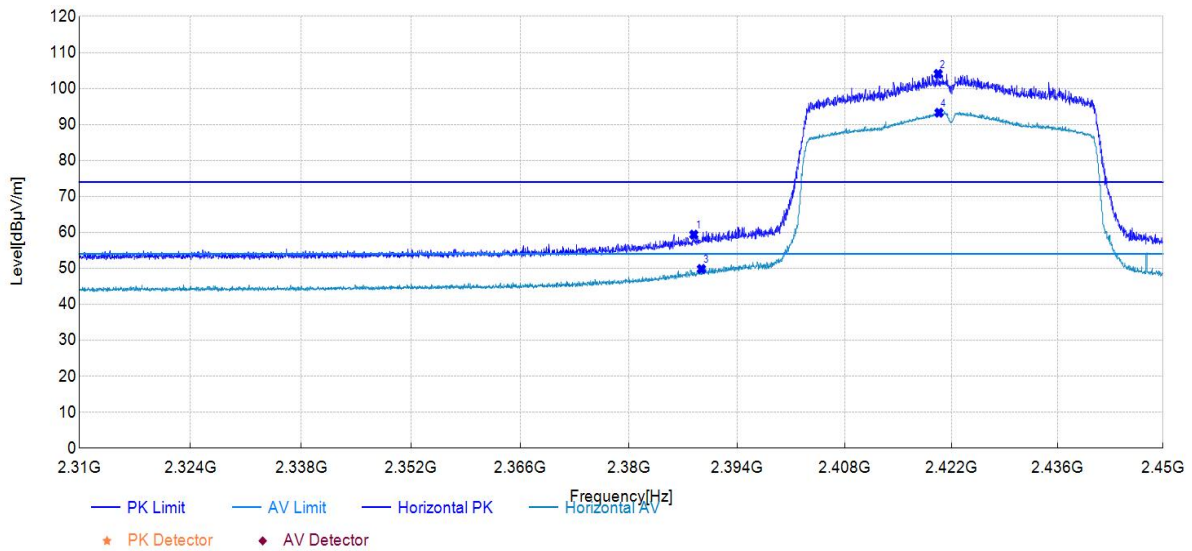
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.76	74.76	110.82	36.06	/	/	150	22	PK	Vertical	PASS
2	2483.65	19.66	55.74	36.08	74.00	18.26	150	3	PK	Vertical	PASS
3	2462.61	63.91	99.97	36.06	/	/	150	15	AV	Vertical	PASS
4	2483.60	10.08	46.16	36.08	54.00	7.84	150	15	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 Antenna1 at Channel 2422MHz		

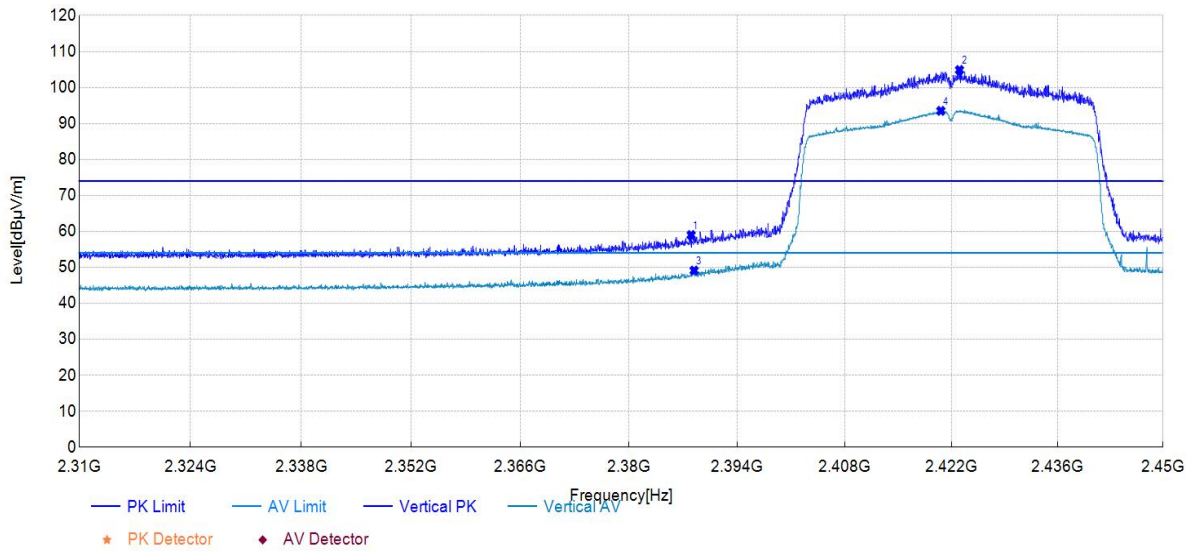


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.38	23.29	59.38	36.09	74.00	14.62	150	319	PK	Horizontal	PASS
2	2420.28	67.86	104.06	36.20	/	/	150	17	PK	Horizontal	PASS
3	2389.36	13.75	49.84	36.09	54.00	4.16	150	17	AV	Horizontal	PASS
4	2420.38	57.06	93.26	36.20	/	/	150	27	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

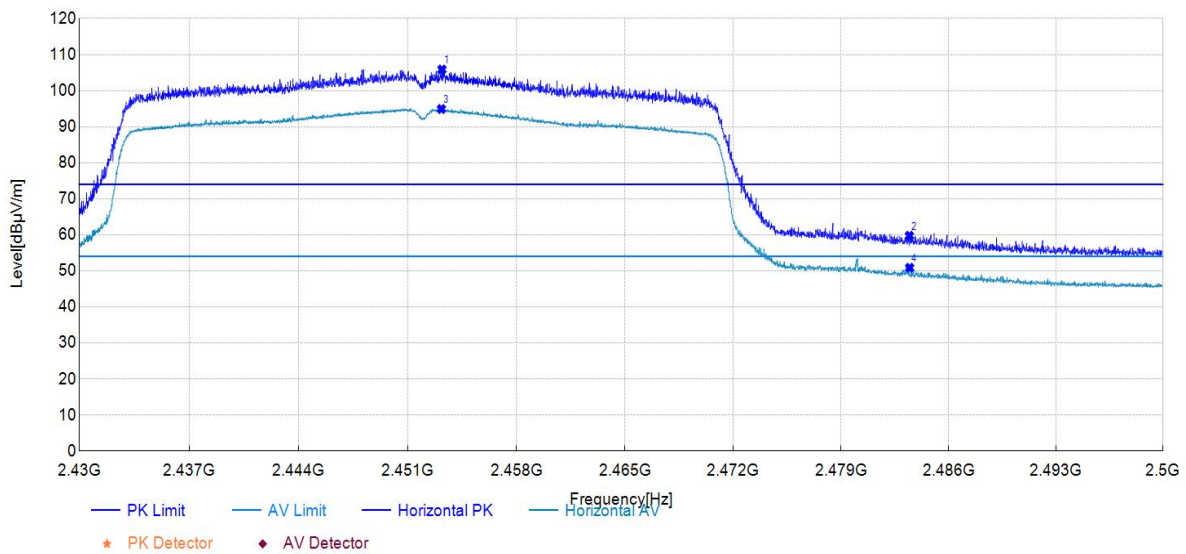
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.03	23.04	58.99	35.95	74.00	15.01	150	145	PK	Vertical	PASS
2	2423.08	68.86	104.87	36.01	/	/	150	3	PK	Vertical	PASS
3	2388.42	13.17	49.12	35.95	54.00	4.88	150	156	AV	Vertical	PASS
4	2420.63	57.49	93.50	36.01	/	/	150	6	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 Antenna1 at Channel 2452MHz		

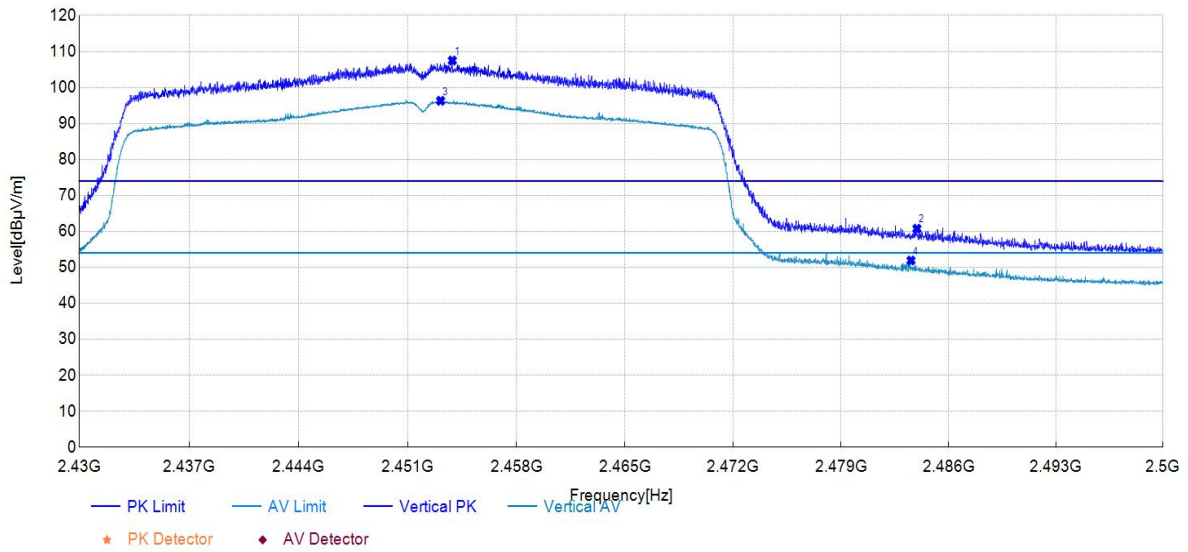


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2453.21	69.57	105.86	36.29	/	/	150	316	PK	Horizontal	PASS
2	2483.64	23.36	59.72	36.36	74.00	14.28	150	0	PK	Horizontal	PASS
3	2453.18	58.62	94.91	36.29	/	/	150	319	AV	Horizontal	PASS
4	2483.66	14.49	50.85	36.36	54.00	3.15	150	360	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

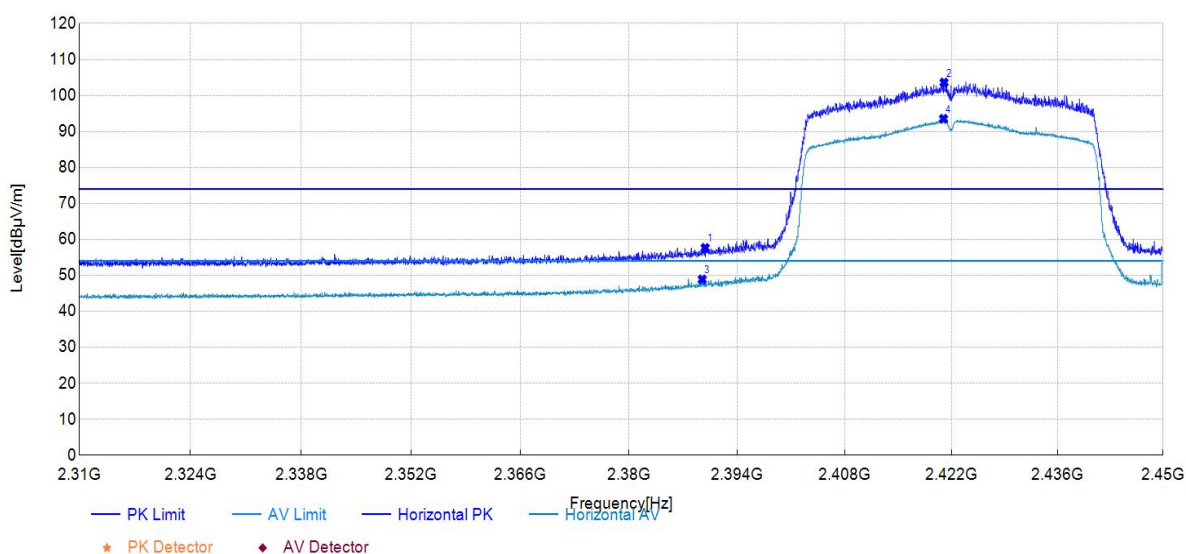
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2453.88	71.44	107.49	36.05	/	/	150	360	PK	Vertical	PASS
2	2483.93	24.67	60.75	36.08	74.00	13.25	150	146	PK	Vertical	PASS
3	2453.12	60.25	96.30	36.05	/	/	150	5	AV	Vertical	PASS
4	2483.55	15.83	51.91	36.08	54.00	2.09	150	135	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 Antenna2 at Channel 2422MHz		

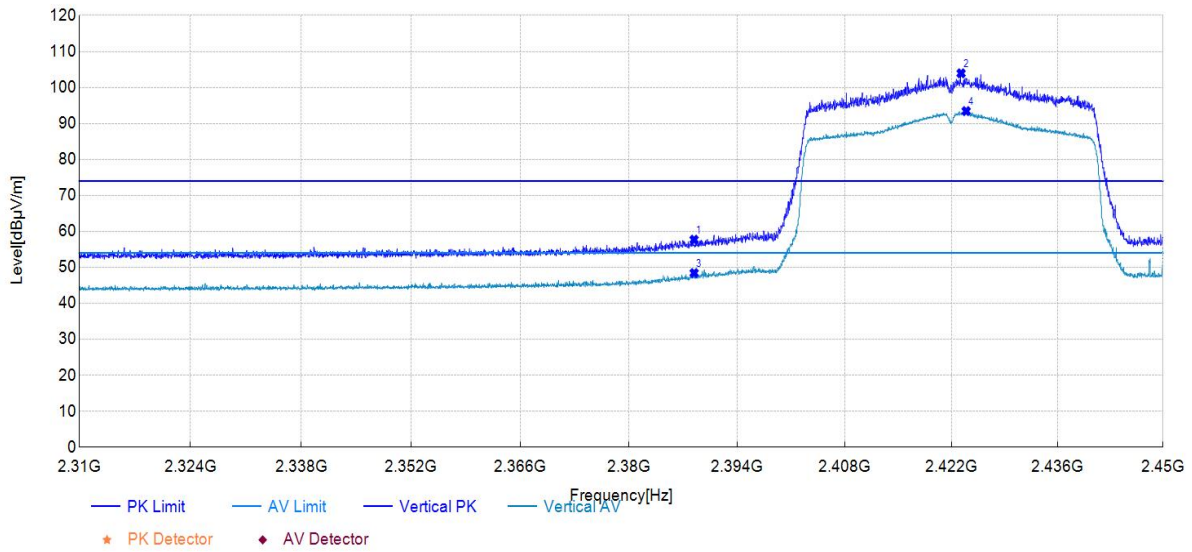


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2389.85	21.53	57.63	36.10	74.00	16.37	150	313	PK	Horizontal	PASS
2	2421.05	67.39	103.59	36.20	/	/	150	322	PK	Horizontal	PASS
3	2389.47	12.77	48.86	36.09	54.00	5.14	150	24	AV	Horizontal	PASS
4	2420.98	57.32	93.52	36.20	/	/	150	322	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

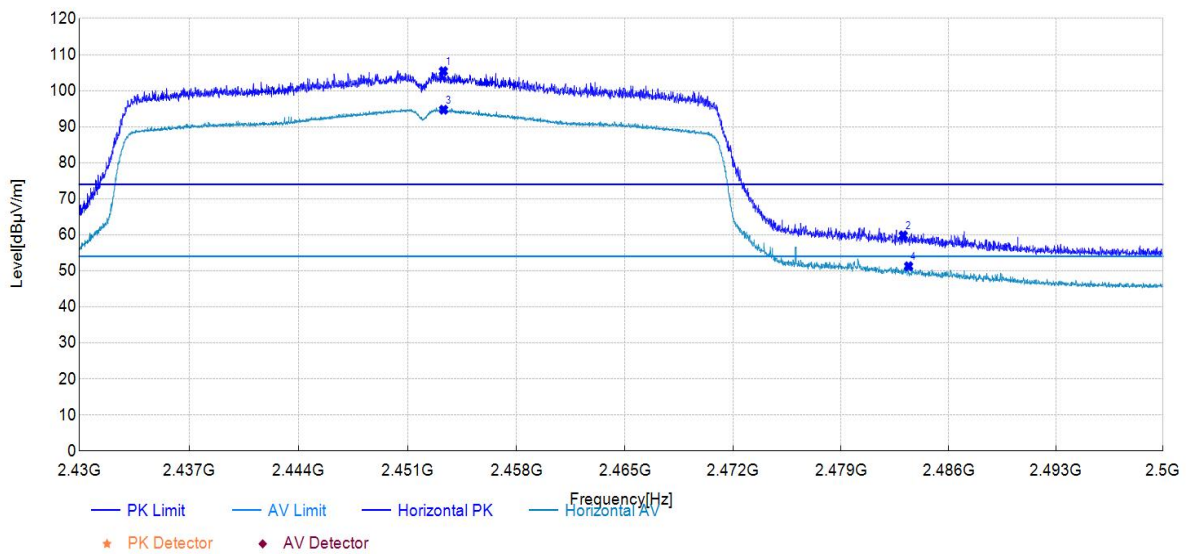
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.42	21.74	57.69	35.95	74.00	16.31	150	2	PK	Vertical	PASS
2	2423.29	67.93	103.94	36.01	/	/	150	155	PK	Vertical	PASS
3	2388.42	12.47	48.42	35.95	54.00	5.58	150	1	AV	Vertical	PASS
4	2423.95	57.43	93.44	36.01	/	/	150	155	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 Antenna2 at Channel 2452MHz		

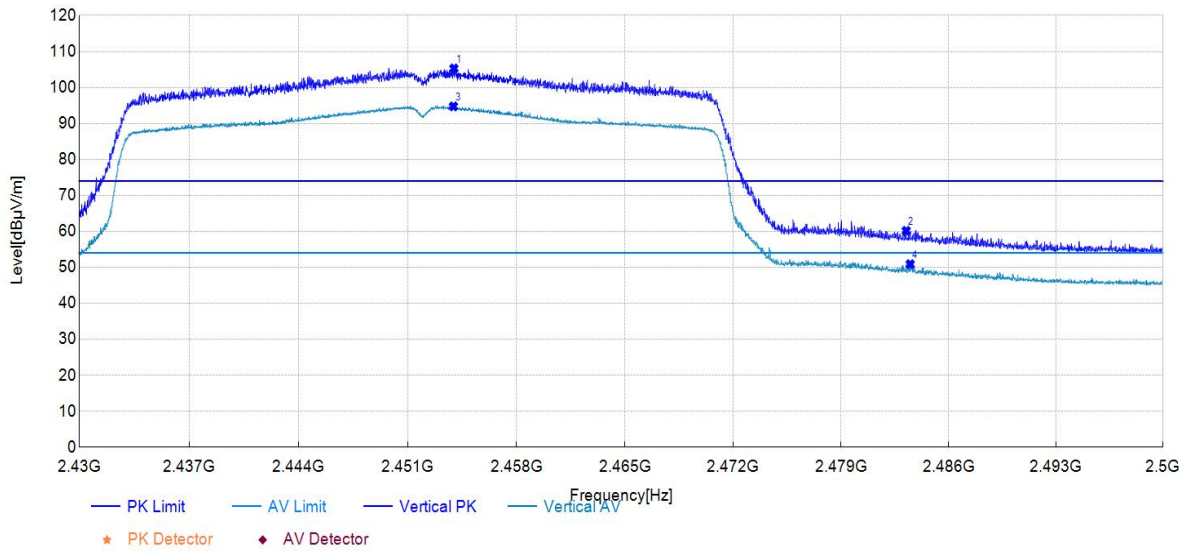


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2453.30	69.11	105.40	36.29	/	/	150	308	PK	Horizontal	PASS
2	2483.64	23.47	59.83	36.36	74.00	14.17	150	330	PK	Horizontal	PASS
3	2453.32	58.42	94.71	36.29	/	/	150	315	AV	Horizontal	PASS
4	2483.69	14.92	51.28	36.36	54.00	2.72	150	315	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

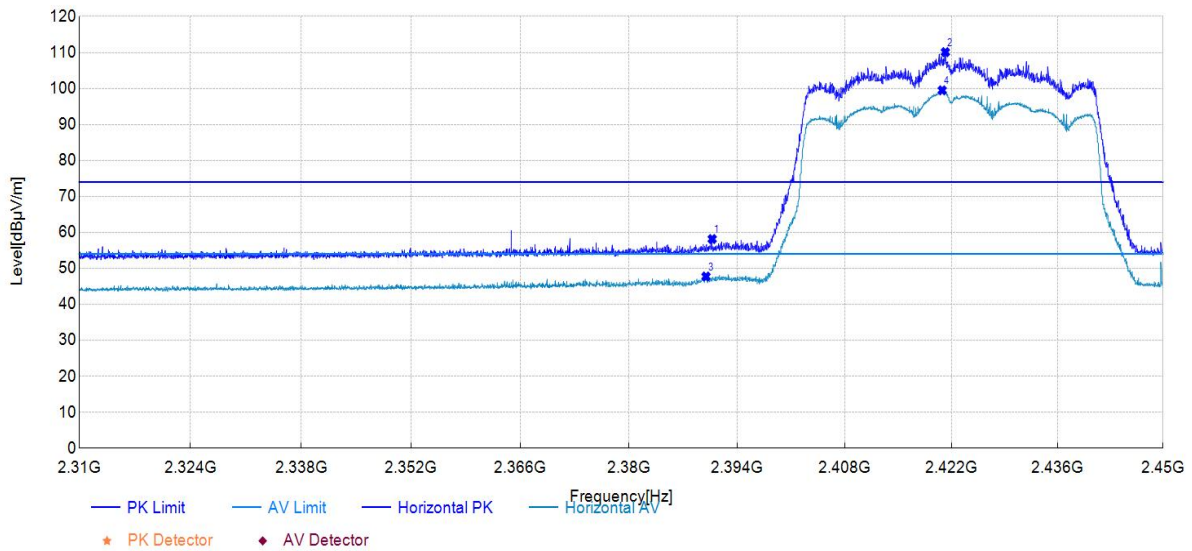
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2453.98	69.24	105.29	36.05	/	/	150	68	PK	Vertical	PASS
2	2483.63	24.07	60.15	36.08	74.00	13.85	150	182	PK	Vertical	PASS
3	2453.95	58.69	94.74	36.05	/	/	150	161	AV	Vertical	PASS
4	2483.69	14.80	50.88	36.08	54.00	3.12	150	8	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 MIMO at Channel 2422MHz		

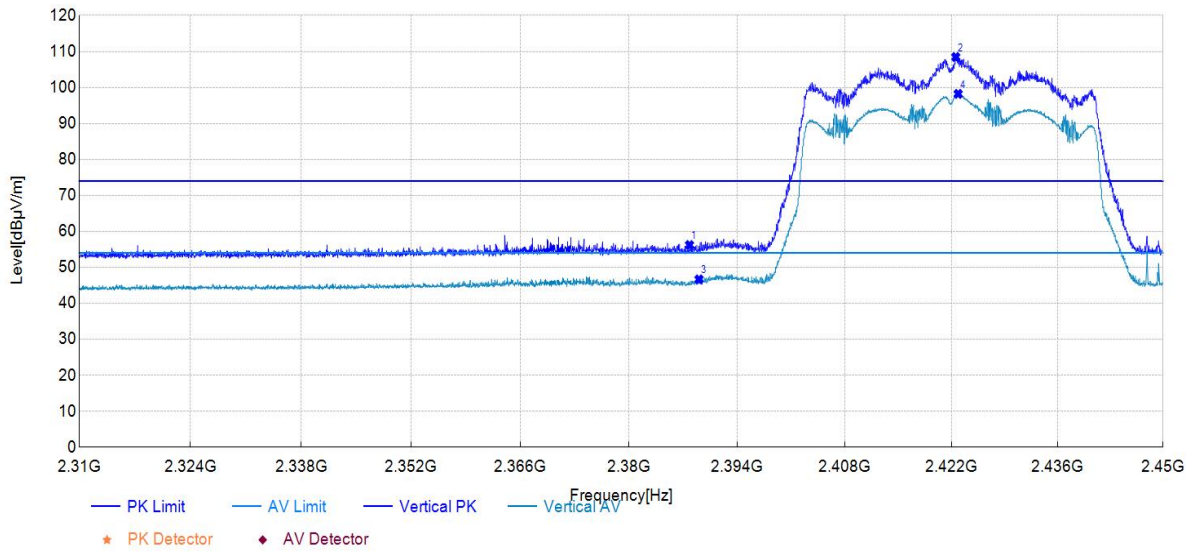


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2390.77	22.04	58.15	36.11	74.00	15.85	150	315	PK	Horizontal	PASS
2	2421.22	73.90	110.10	36.20	/	/	150	325	PK	Horizontal	PASS
3	2389.96	11.64	47.74	36.10	54.00	6.26	150	311	AV	Horizontal	PASS
4	2420.80	63.29	99.49	36.20	/	/	150	322	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

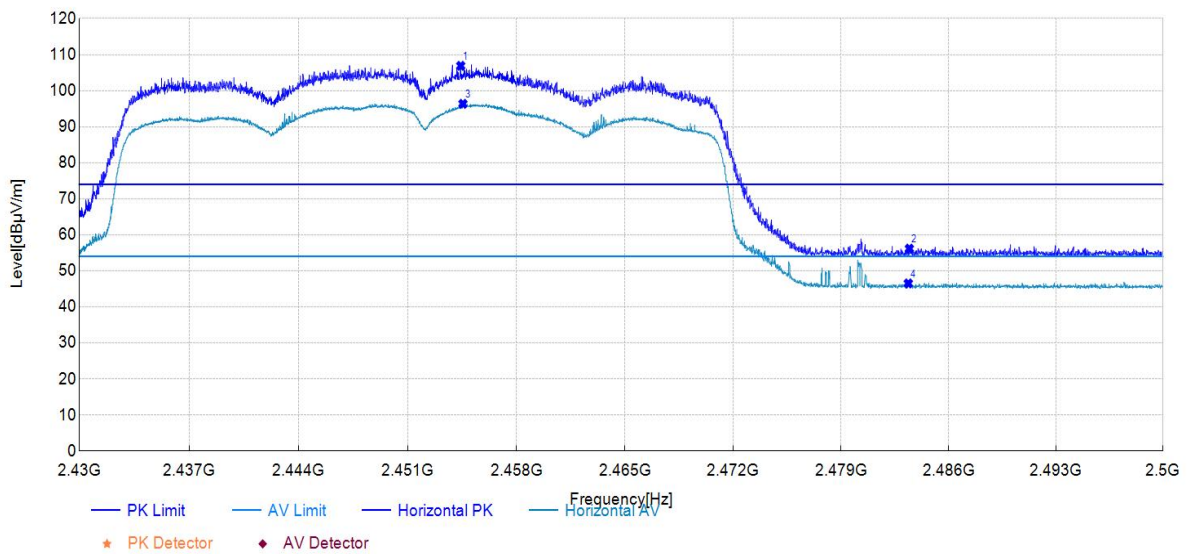
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2387.82	20.26	56.21	35.95	74.00	17.79	150	0	PK	Vertical	PASS
2	2422.59	72.45	108.46	36.01	/	/	150	32	PK	Vertical	PASS
3	2389.05	10.71	46.66	35.95	54.00	7.34	150	0	AV	Vertical	PASS
4	2422.90	62.21	98.22	36.01	/	/	150	17	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	Wireless Router Module	Model:	DR5018S
Test Date:	2025-05-19 ~ 2025-06-11	Voltage:	DC 48V
Environment:	Temp: 20.1~35.6°C;	Engineer:	Stone Zhang
Remark:	Transmit by 802.11ax-HE40 MIMO at Channel 2462MHz		

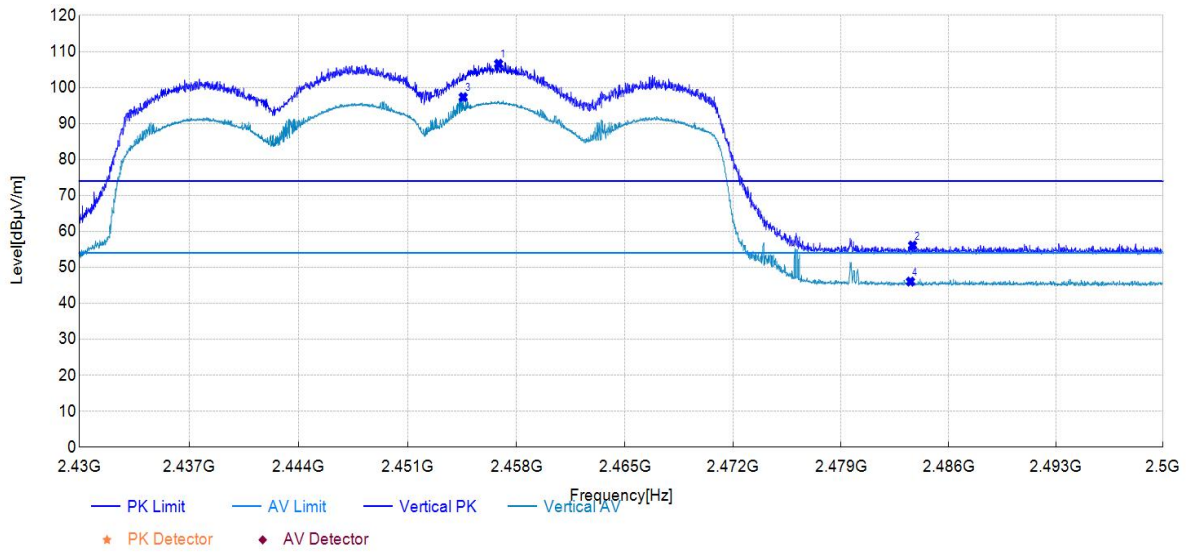


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2454.42	70.61	106.90	36.29	/	/	150	326	PK	Horizontal	PASS
2	2483.64	19.80	56.16	36.36	74.00	17.84	150	333	PK	Horizontal	PASS
3	2454.56	60.06	96.35	36.29	/	/	150	308	AV	Horizontal	PASS
4	2483.67	10.15	46.51	36.36	54.00	7.49	150	103	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	2456.85	70.53	106.59	36.06	/	/	150	0	PK	Vertical	PASS
2	2483.65	20.00	56.08	36.08	74.00	17.92	150	75	PK	Vertical	PASS
3	2454.58	61.26	97.31	36.05	/	/	150	0	AV	Vertical	PASS
4	2483.61	9.96	46.04	36.08	54.00	7.96	150	1	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

7.4. AC Conducted Emissions Measurement

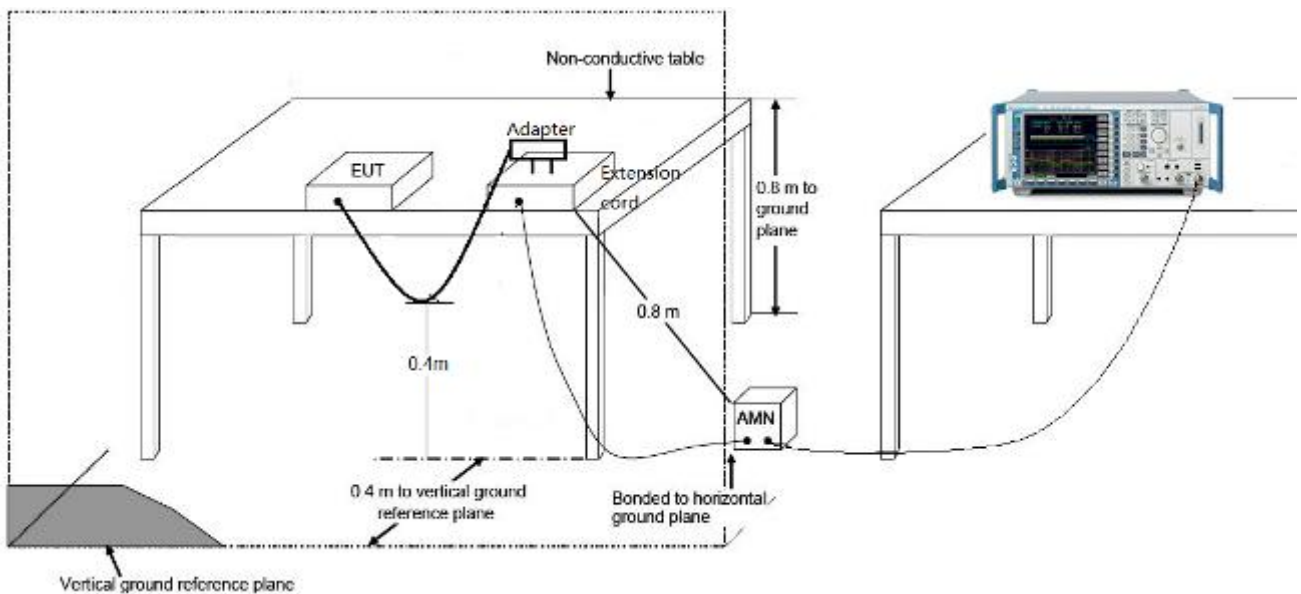
7.4.1. Test Limit

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.

7.4.2. Test Setup



7.4.3. 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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