

15. Antenna Requirements

15.1. Applicable Requirements

Please refer to FCC §15.203

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 shall be considered sufficient to comply with the provisions of this section. 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.

Please refer to FCC §15.247(b)(4)

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.

15.2. Result

The antenna used for this product is Shrapnel antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 4.13 dBi

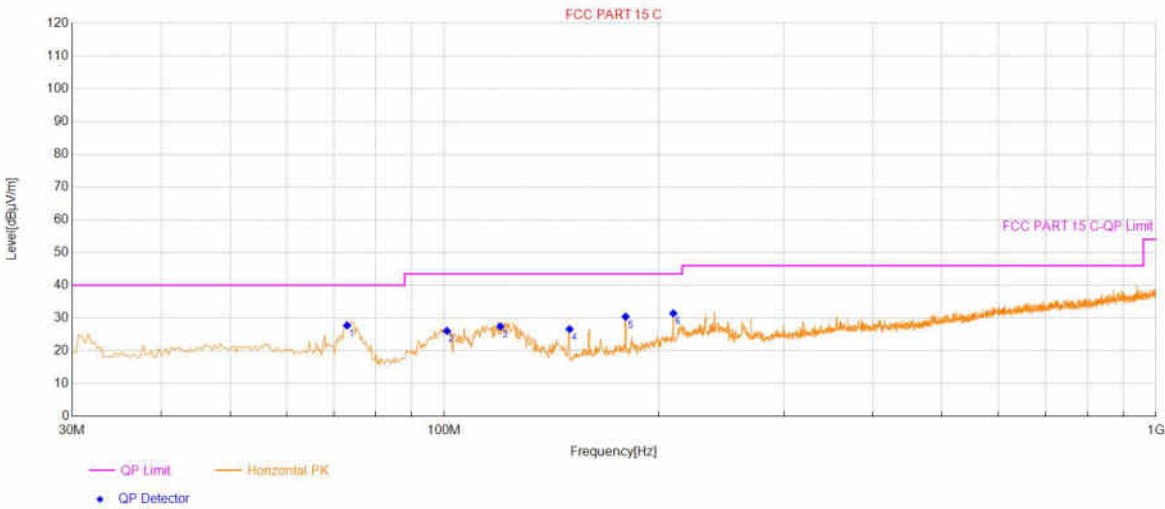
APPENDIX A – Radiated Emission Below 1GHz Test Data

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2422	Voltage:	DC 3.3V
Environment:	Temp: 25°C; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : Default		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-08 11:20:42

Test Graph



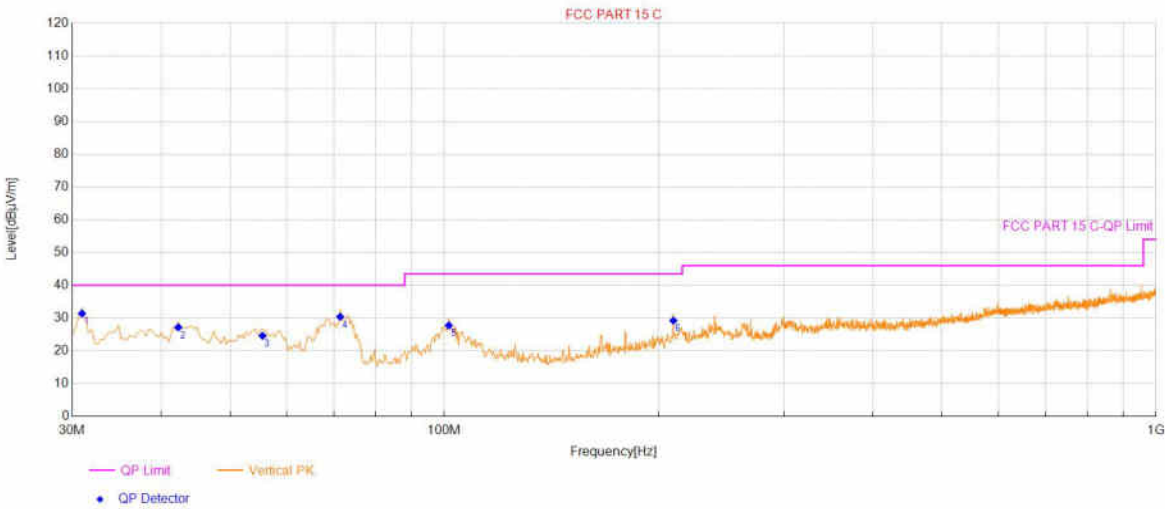
Final Data List									
NO.	Frequency (MHz)	Factor (dB/m)	QP Value (dBμV/m)	QP Limit (dBμV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	73.02	16.84	27.75	40.00	12.25	100	240	Horizontal	PASS
2	100.83	19.92	26.09	43.50	17.41	100	132	Horizontal	PASS
3	119.92	17.98	27.46	43.50	16.04	100	216	Horizontal	PASS
4	150.00	17.07	26.63	43.50	16.87	100	47	Horizontal	PASS
5	179.75	18.38	30.42	43.50	13.08	100	88	Horizontal	PASS
6	209.83	20.81	31.45	43.50	12.05	100	223	Horizontal	PASS

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2422	Voltage:	DC 3.3V
Environment:	Temp: 25°C; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : Default		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-08 11:21:28

Test Graph



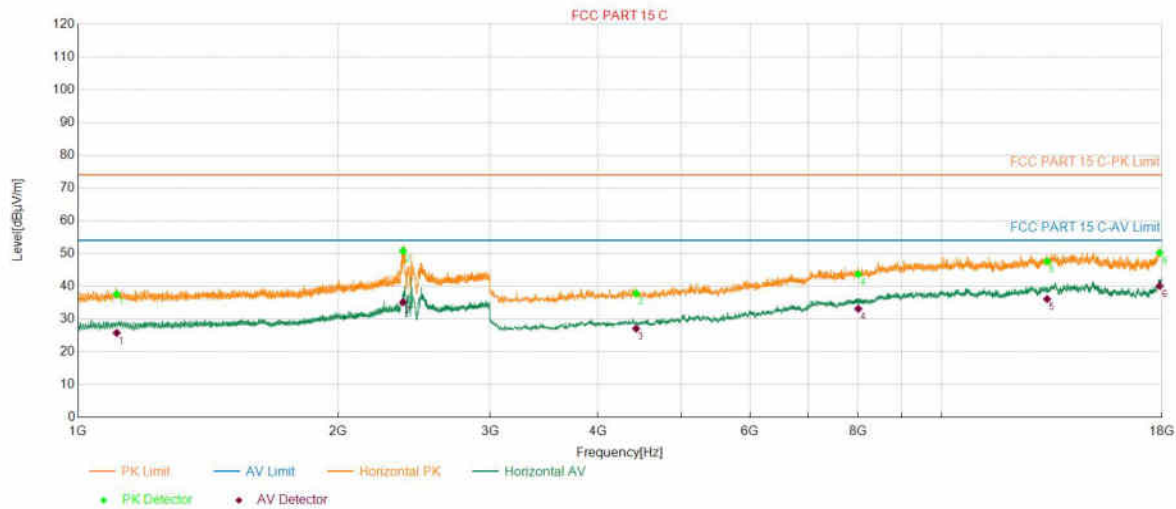
Final Data List									
NO.	Frequency (MHz)	Factor (dB/m)	QP Value (dBµV/m)	QP Limit (dBµV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	30.97	17.73	31.41	40.00	8.59	100	43	Vertical	PASS
2	42.29	20.27	27.17	40.00	12.83	100	236	Vertical	PASS
3	55.55	20.82	24.60	40.00	15.40	100	169	Vertical	PASS
4	71.40	17.32	30.41	40.00	9.59	100	227	Vertical	PASS
5	101.48	19.90	27.77	43.50	15.73	100	153	Vertical	PASS
6	209.83	20.81	29.23	43.50	14.27	100	110	Vertical	PASS

APPENDIX B – Radiated Emission Above 1GHz Test Data

Test Report			
Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2422	Voltage:	DC 3.3V
Environment:	Temp: 25°C; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 00:58:58

Test Graph

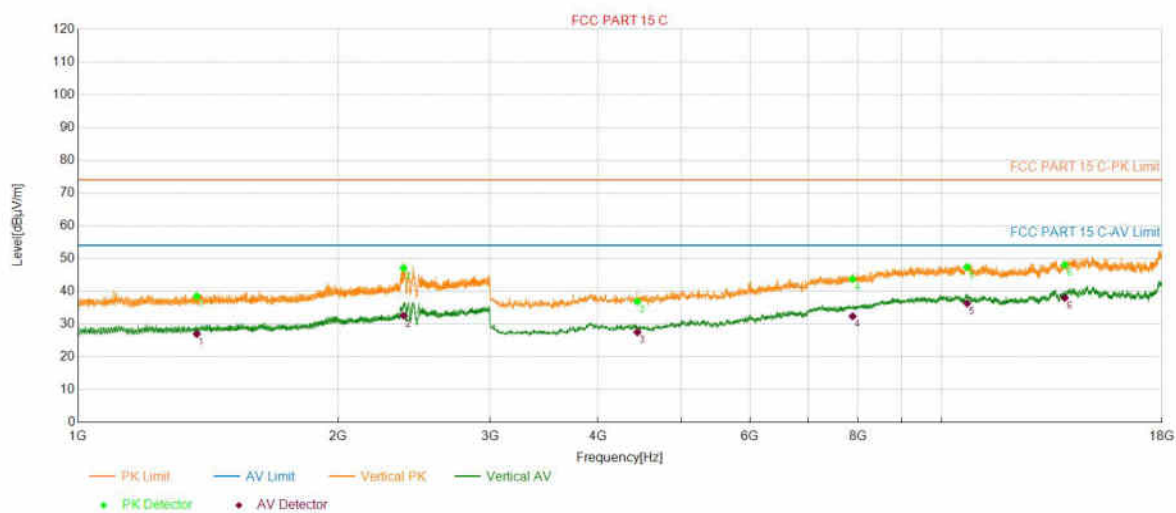


PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1108.42	-1.03	37.55	74.00	36.45	25.79	54.00	28.21	150	356	Horizontal
2	2378.68	6.99	50.84	74.00	23.16	35.13	54.00	18.87	150	341	Horizontal
3	4428.29	-6.49	37.81	74.00	36.19	27.11	54.00	26.89	150	358	Horizontal
4	8008.00	4.35	43.69	74.00	30.31	33.14	54.00	20.86	150	291	Horizontal
5	13250.05	13.15	47.62	74.00	26.38	36.10	54.00	17.90	150	258	Horizontal
6	17897.98	21.03	50.27	74.00	23.73	40.11	54.00	13.89	150	39	Horizontal

Test Report			
Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2422	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 01:00:28

Test Graph



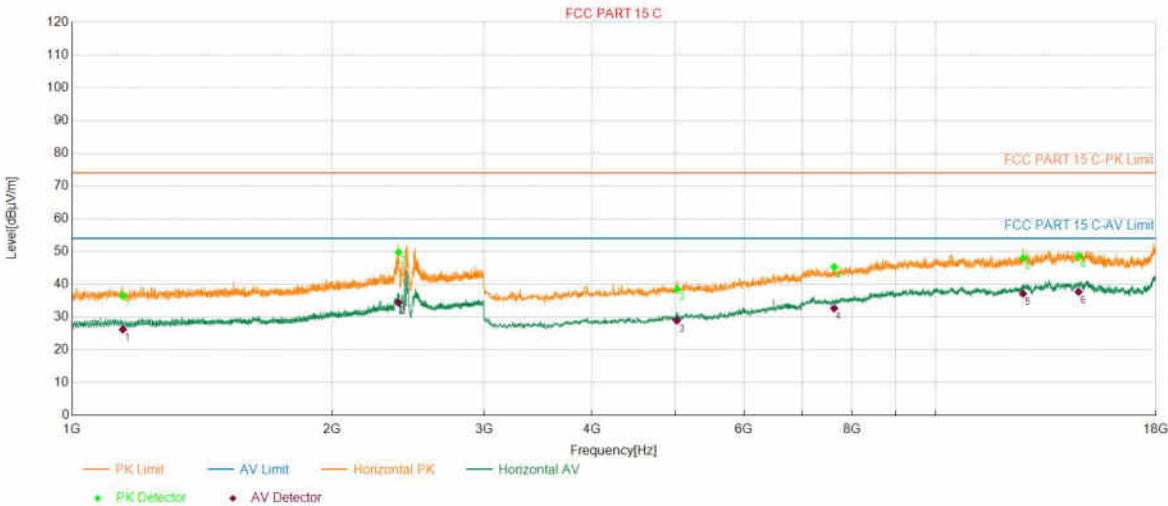
PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1372.07	-0.20	38.49	74.00	35.51	26.98	54.00	27.02	150	298	Vertical
2	2381.48	6.96	47.04	74.00	26.96	32.60	54.00	21.40	150	224	Vertical
3	4443.29	-6.43	36.90	74.00	37.10	27.52	54.00	26.48	150	124	Vertical
4	7887.98	4.18	43.73	74.00	30.27	32.39	54.00	21.61	150	59	Vertical
5	10702.54	10.27	47.39	74.00	26.61	36.34	54.00	17.66	150	59	Vertical
6	13889.18	14.60	48.07	74.00	25.93	38.01	54.00	15.99	150	357	Vertical

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2437	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 01:03:32

Test Graph

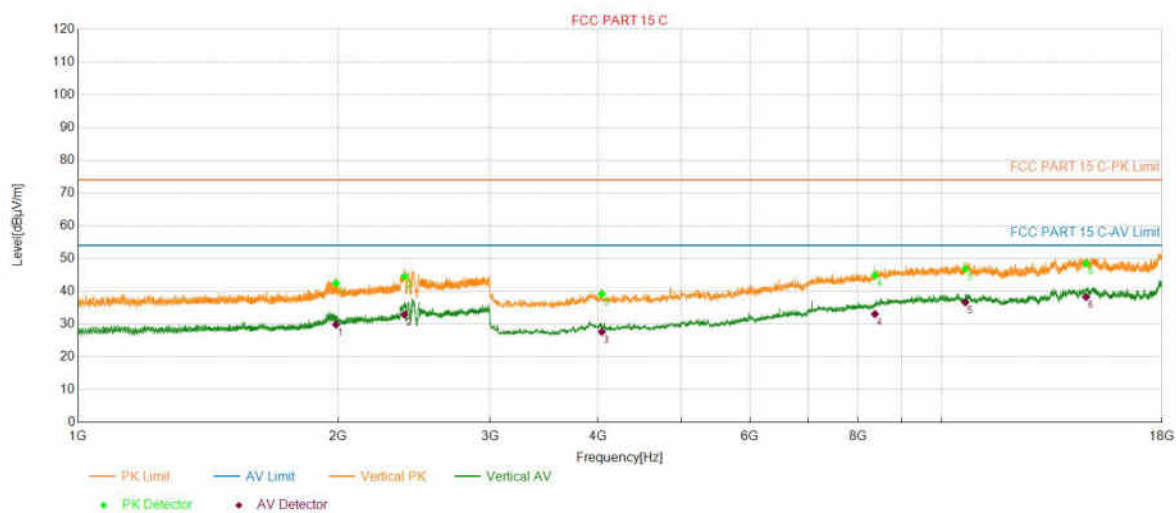


PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1144.83	-0.88	36.56	74.00	37.44	26.23	54.00	27.77	150	17	Horizontal
2	2388.28	6.88	49.77	74.00	24.23	34.36	54.00	19.64	150	114	Horizontal
3	5016.40	-4.04	38.50	74.00	35.50	28.93	54.00	25.07	150	205	Horizontal
4	7629.93	3.48	45.26	74.00	28.74	32.67	54.00	21.33	150	112	Horizontal
5	12625.93	12.10	48.05	74.00	25.95	37.13	54.00	16.87	150	6	Horizontal
6	14642.33	15.77	48.57	74.00	25.43	37.69	54.00	16.31	150	3	Horizontal

Test Report			
Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2437	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 01:05:01

Test Graph

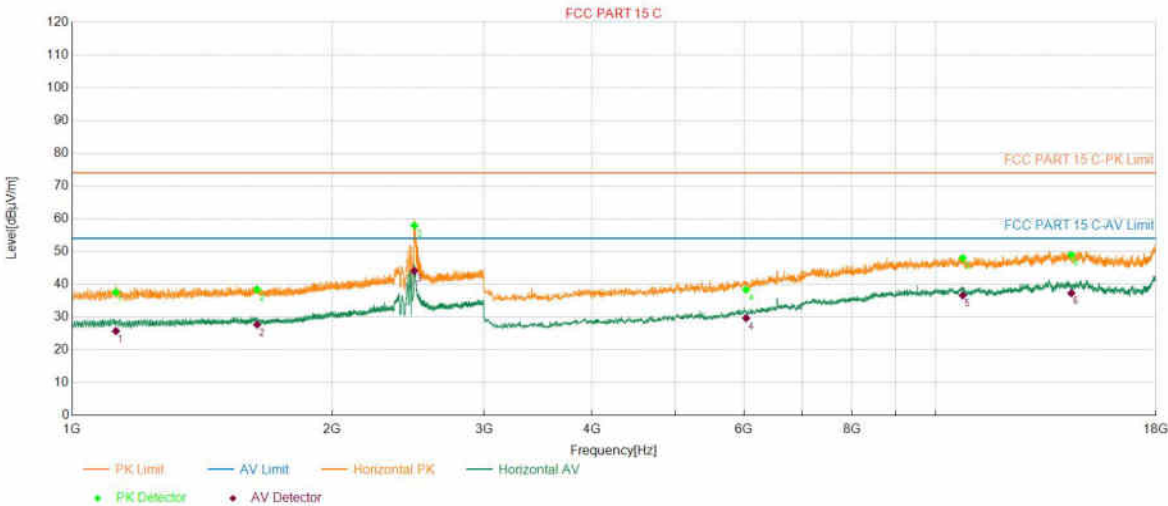


PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1989.00	2.43	42.47	74.00	31.53	29.85	54.00	24.15	150	102	Vertical
2	2387.48	6.89	44.53	74.00	29.47	32.89	54.00	21.11	150	262	Vertical
3	4041.21	-7.99	39.20	74.00	34.80	27.66	54.00	26.34	150	90	Vertical
4	8371.07	5.46	44.90	74.00	29.10	33.06	54.00	20.94	150	227	Vertical
5	10654.53	9.83	46.86	74.00	27.14	36.65	54.00	17.35	150	208	Vertical
6	14702.34	16.53	48.52	74.00	25.48	38.26	54.00	15.74	150	279	Vertical

Test Report			
Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2462	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 01:07:43

Test Graph

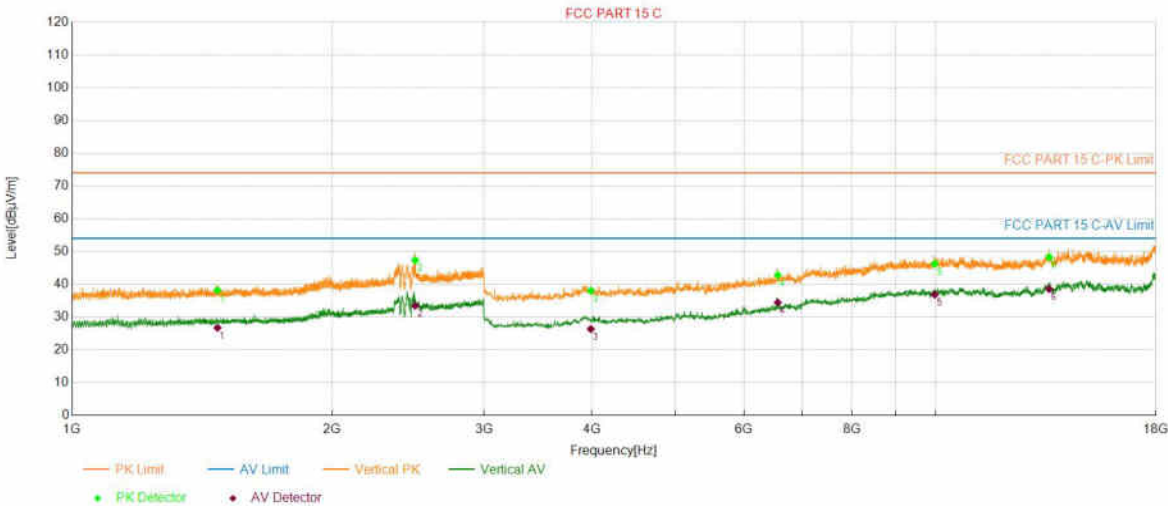


PK Final Data List											
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1	1123.62	-0.97	37.52	74.00	36.48	25.75	54.00	28.25	150	50	Horizontal
2	1637.73	0.40	38.45	74.00	35.55	27.70	54.00	26.30	150	166	Horizontal
3	2490.70	6.08	57.94	74.00	16.06	44.09	54.00	9.91	150	359	Horizontal
4	6033.61	-0.81	38.36	74.00	35.64	29.70	54.00	24.30	150	112	Horizontal
5	10750.55	10.22	48.02	74.00	25.98	36.62	54.00	17.38	150	184	Horizontal
6	14363.27	14.87	48.97	74.00	25.03	37.31	54.00	16.69	150	3	Horizontal

Test Report			
Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2462	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 01:09:13

Test Graph

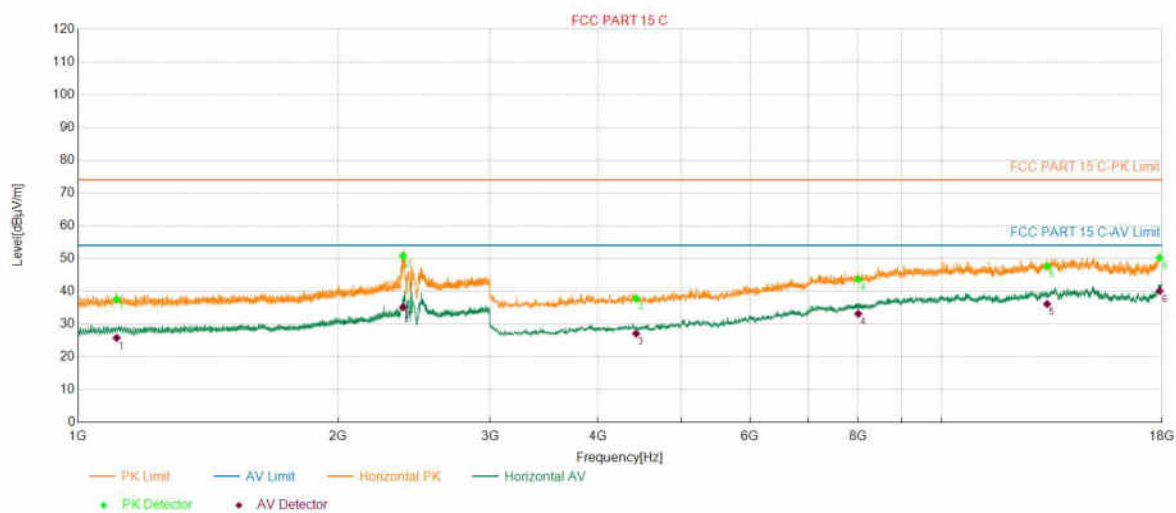


PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1473.69	0.02	38.21	74.00	35.79	26.73	54.00	27.27	150	80	Vertical
2	2495.90	6.04	47.39	74.00	26.61	33.47	54.00	20.53	150	123	Vertical
3	3987.20	-8.17	38.05	74.00	35.95	26.36	54.00	27.64	150	292	Vertical
4	6564.71	1.43	42.78	74.00	31.22	34.43	54.00	19.57	150	228	Vertical
5	9976.40	8.70	46.24	74.00	27.76	36.86	54.00	17.14	150	1	Vertical
6	13538.11	14.73	48.27	74.00	25.73	38.55	54.00	15.45	150	292	Vertical

Test Report			
Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2422	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 00:58:58

Test Graph

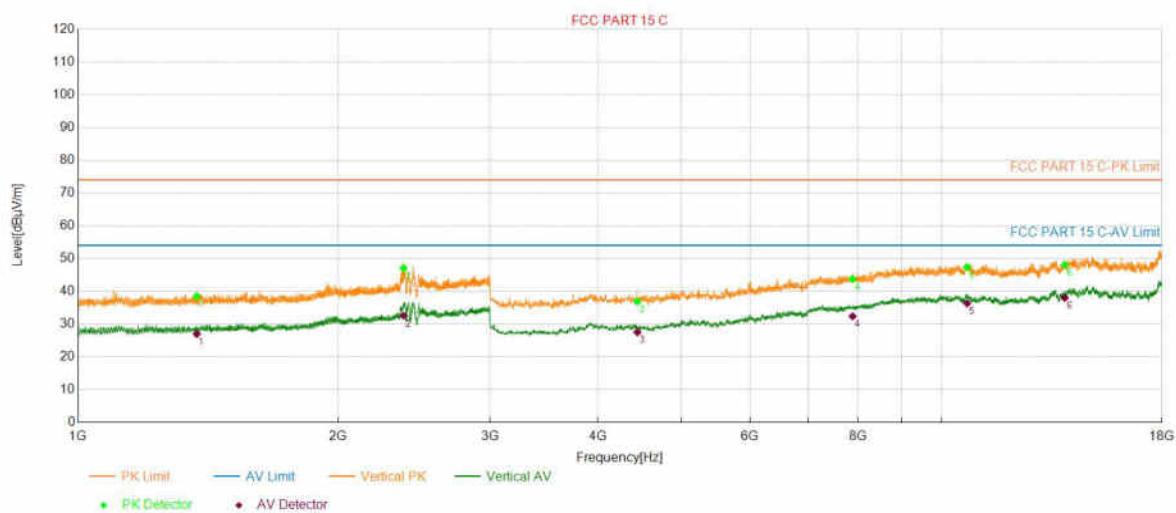


PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1108.42	-1.03	37.55	74.00	36.45	25.79	54.00	28.21	150	356	Horizontal
2	2378.68	6.99	50.84	74.00	23.16	35.13	54.00	18.87	150	341	Horizontal
3	4428.29	-6.49	37.81	74.00	36.19	27.11	54.00	26.89	150	358	Horizontal
4	8008.00	4.35	43.69	74.00	30.31	33.14	54.00	20.86	150	291	Horizontal
5	13250.05	13.15	47.62	74.00	26.38	36.10	54.00	17.90	150	258	Horizontal
6	17897.98	21.03	50.27	74.00	23.73	40.11	54.00	13.89	150	39	Horizontal

Test Report			
Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2422	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 01:00:28

Test Graph



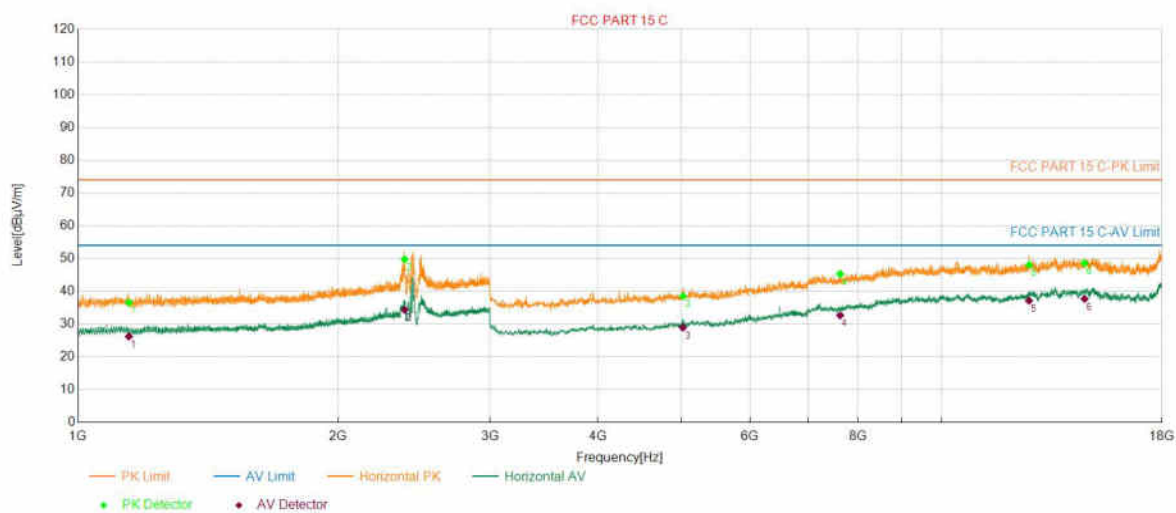
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NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1372.07	-0.20	38.49	74.00	35.51	26.98	54.00	27.02	150	298	Vertical
2	2381.48	6.96	47.04	74.00	26.96	32.60	54.00	21.40	150	224	Vertical
3	4443.29	-6.43	36.90	74.00	37.10	27.52	54.00	26.48	150	124	Vertical
4	7887.98	4.18	43.73	74.00	30.27	32.39	54.00	21.61	150	59	Vertical
5	10702.54	10.27	47.39	74.00	26.61	36.34	54.00	17.66	150	59	Vertical
6	13889.18	14.60	48.07	74.00	25.93	38.01	54.00	15.99	150	357	Vertical

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2437	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 01:03:32

Test Graph



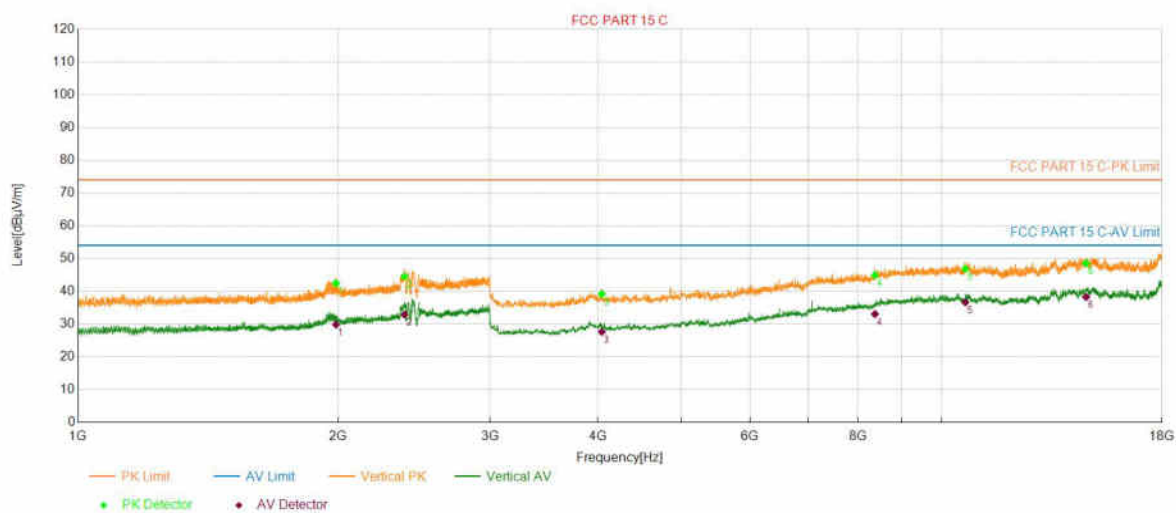
PK Final Data List

NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1144.83	-0.88	36.56	74.00	37.44	26.23	54.00	27.77	150	17	Horizontal
2	2388.28	6.88	49.77	74.00	24.23	34.36	54.00	19.64	150	114	Horizontal
3	5016.40	-4.04	38.50	74.00	35.50	28.93	54.00	25.07	150	205	Horizontal
4	7629.93	3.48	45.26	74.00	28.74	32.67	54.00	21.33	150	112	Horizontal
5	12625.93	12.10	48.05	74.00	25.95	37.13	54.00	16.87	150	6	Horizontal
6	14642.33	15.77	48.57	74.00	25.43	37.69	54.00	16.31	150	3	Horizontal

Test Report			
Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2437	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 01:05:01

Test Graph

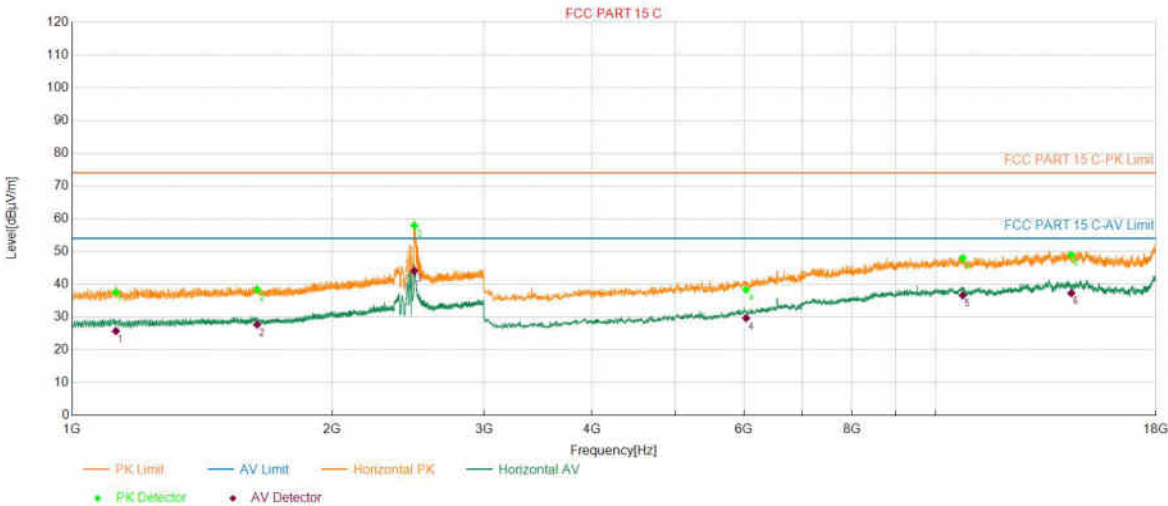


PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1989.00	2.43	42.47	74.00	31.53	29.85	54.00	24.15	150	102	Vertical
2	2387.48	6.89	44.53	74.00	29.47	32.89	54.00	21.11	150	262	Vertical
3	4041.21	-7.99	39.20	74.00	34.80	27.66	54.00	26.34	150	90	Vertical
4	8371.07	5.46	44.90	74.00	29.10	33.06	54.00	20.94	150	227	Vertical
5	10654.53	9.83	46.86	74.00	27.14	36.65	54.00	17.35	150	208	Vertical
6	14702.34	16.53	48.52	74.00	25.48	38.26	54.00	15.74	150	279	Vertical

Test Report			
Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2462	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 01:07:43

Test Graph



PK Final Data List

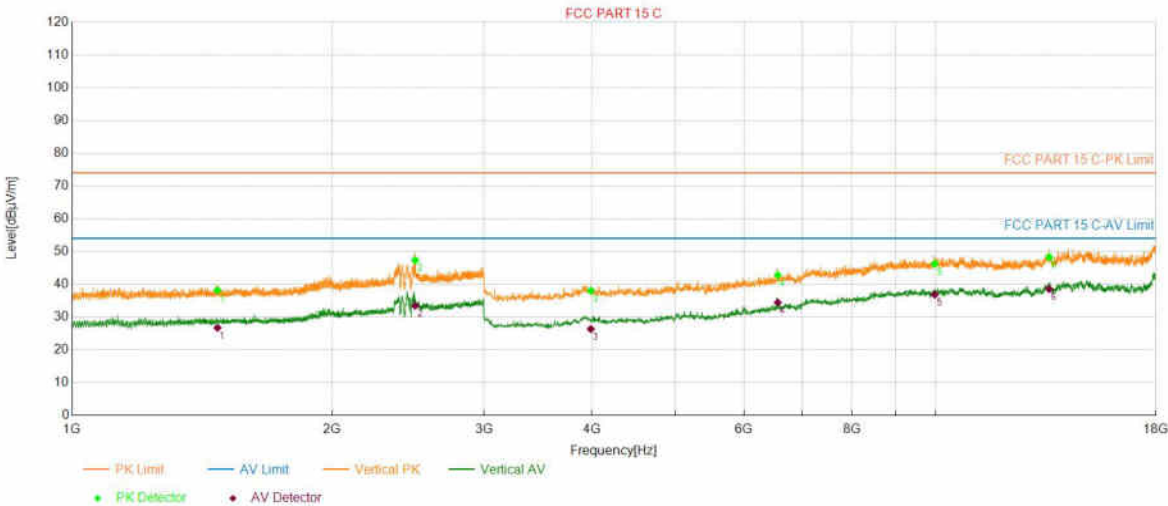
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1	1123.62	-0.97	37.52	74.00	36.48	25.75	54.00	28.25	150	50	Horizontal
2	1637.73	0.40	38.45	74.00	35.55	27.70	54.00	26.30	150	166	Horizontal
3	2490.70	6.08	57.94	74.00	16.06	44.09	54.00	9.91	150	359	Horizontal
4	6033.61	-0.81	38.36	74.00	35.64	29.70	54.00	24.30	150	112	Horizontal
5	10750.55	10.22	48.02	74.00	25.98	36.62	54.00	17.38	150	184	Horizontal
6	14363.27	14.87	48.97	74.00	25.03	37.31	54.00	16.69	150	3	Horizontal

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2462	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC PART 15 C			

Start of Test:2024-07-05 01:09:13

Test Graph



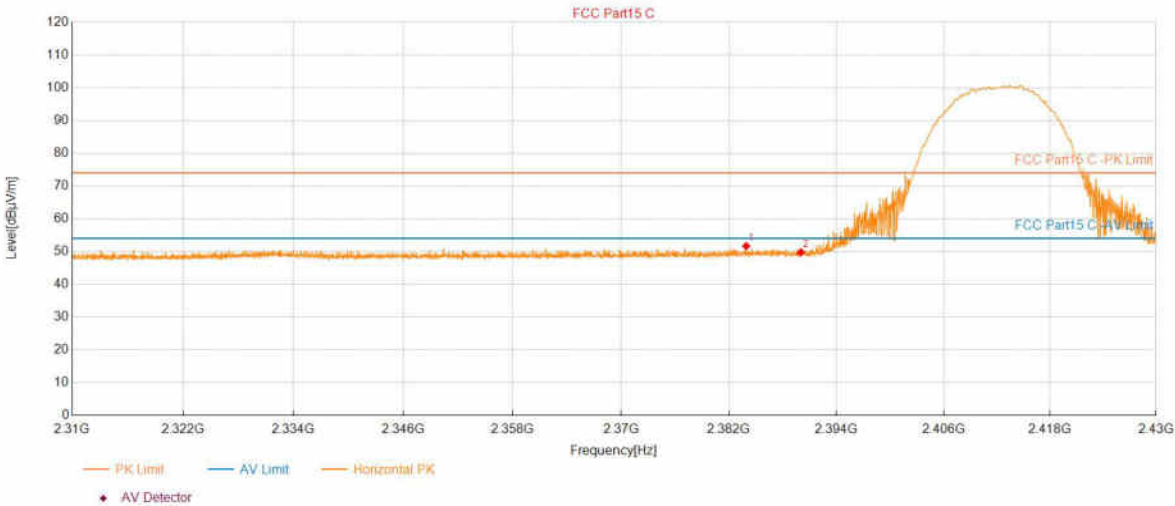
PK Final Data List											
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1	1473.69	0.02	38.21	74.00	35.79	26.73	54.00	27.27	150	80	Vertical
2	2495.90	6.04	47.39	74.00	26.61	33.47	54.00	20.53	150	123	Vertical
3	3987.20	-8.17	38.05	74.00	35.95	26.36	54.00	27.64	150	292	Vertical
4	6564.71	1.43	42.78	74.00	31.22	34.43	54.00	19.57	150	228	Vertical
5	9976.40	8.70	46.24	74.00	27.76	36.86	54.00	17.14	150	1	Vertical
6	13538.11	14.73	48.27	74.00	25.73	38.55	54.00	15.45	150	292	Vertical

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11B_2412	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 70		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:15:15

Test Graph



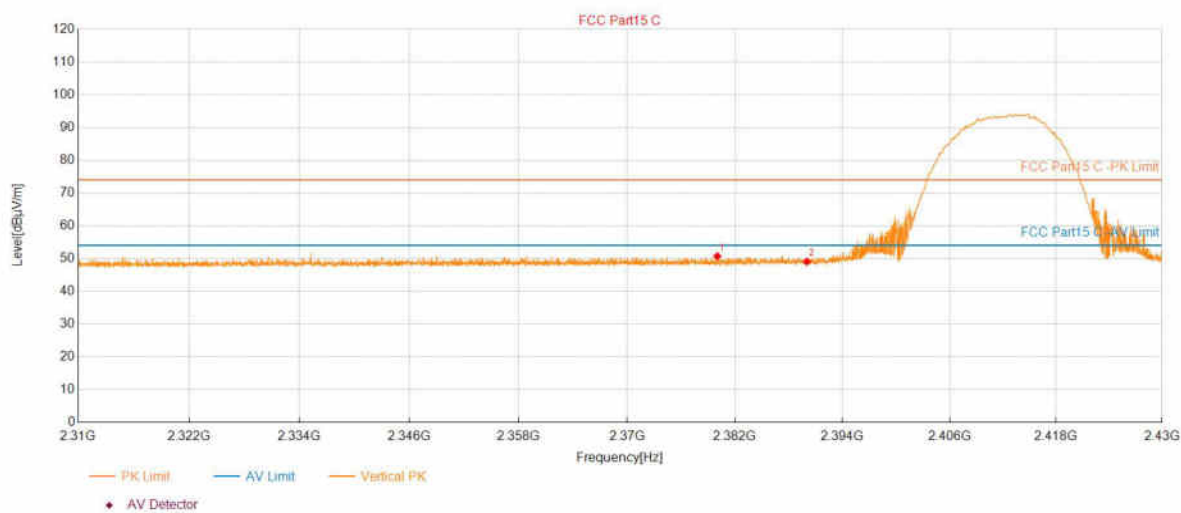
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2383.91	51.67	74.00	22.33	150	345	Horizontal
2	2390.01	49.75	74.00	24.25	150	340	Horizontal

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11B_2412	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 70		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:16:10

Test Graph



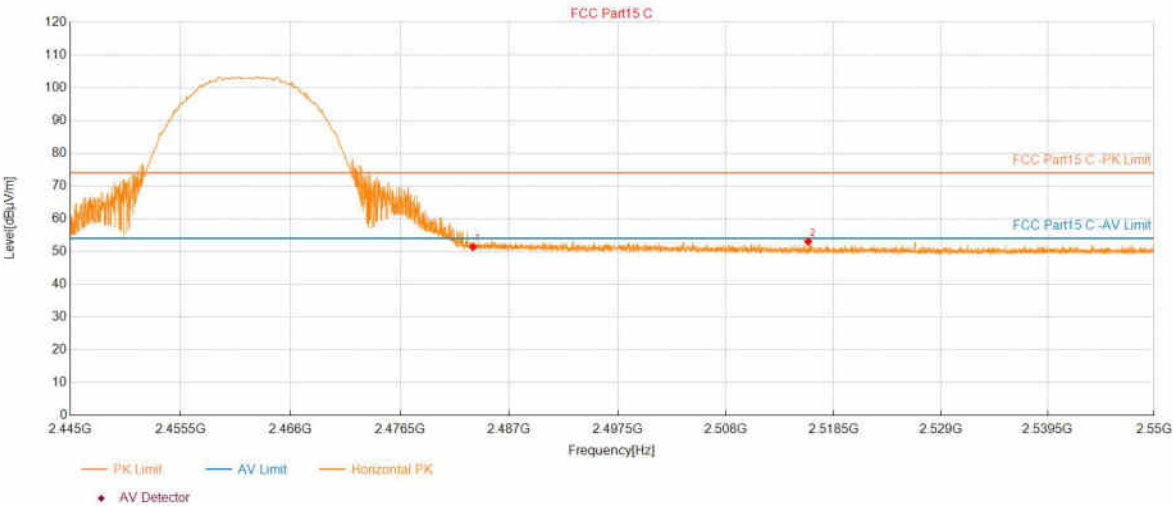
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2380.02	50.71	74.00	23.29	150	153	Vertical
2	2390.01	49.06	74.00	24.94	150	358	Vertical

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11B_2462	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 70		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:19:08

Test Graph



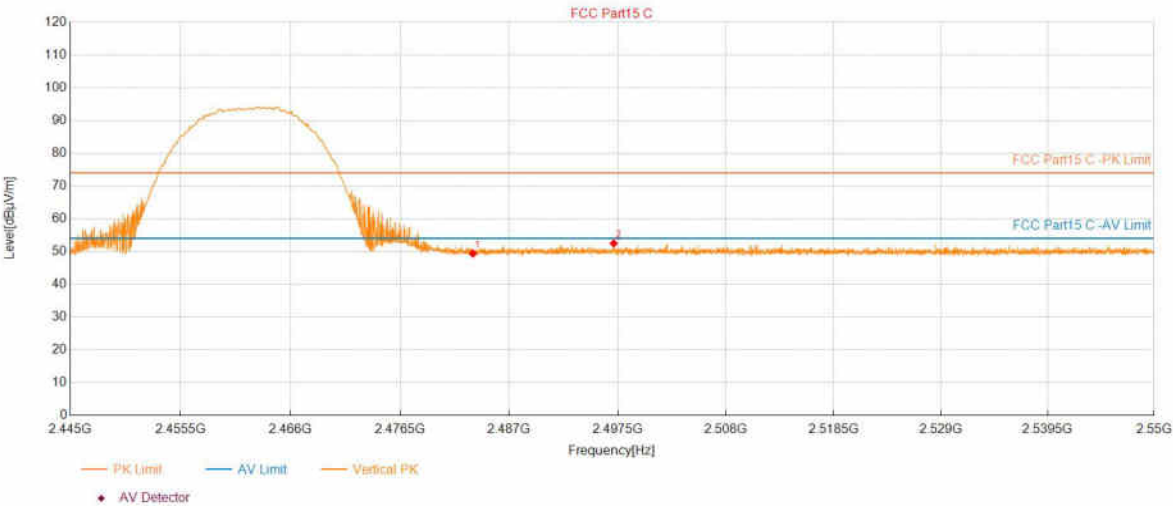
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.50	51.36	74.00	22.64	150	359	Horizontal
2	2516.02	53.05	74.00	20.95	150	354	Horizontal

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11B_2462	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 70		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:20:04

Test Graph



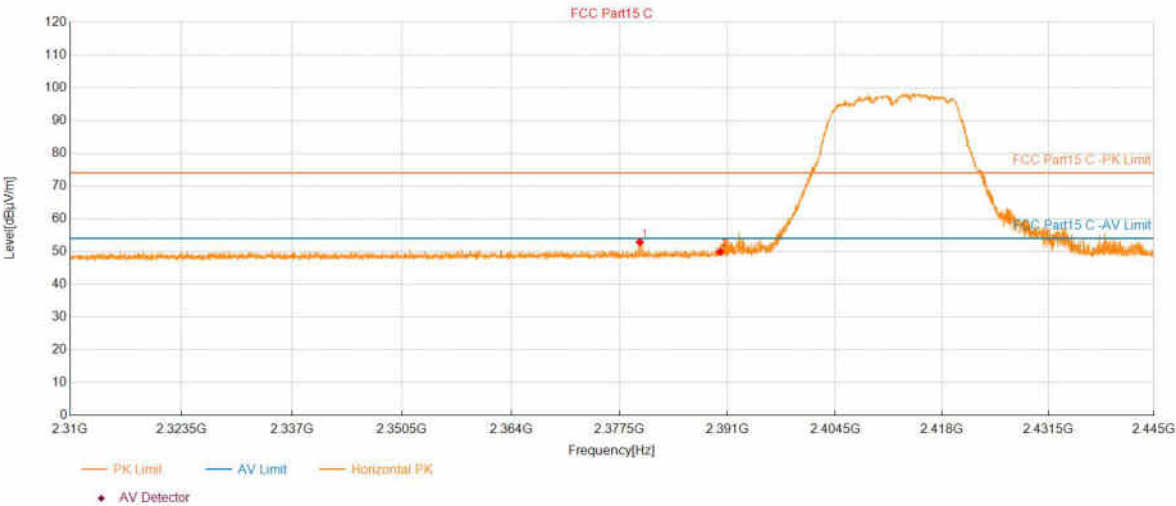
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.50	49.39	74.00	24.61	150	175	Vertical
2	2497.11	52.50	74.00	21.50	150	121	Vertical

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11G_2412	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:23:04

Test Graph



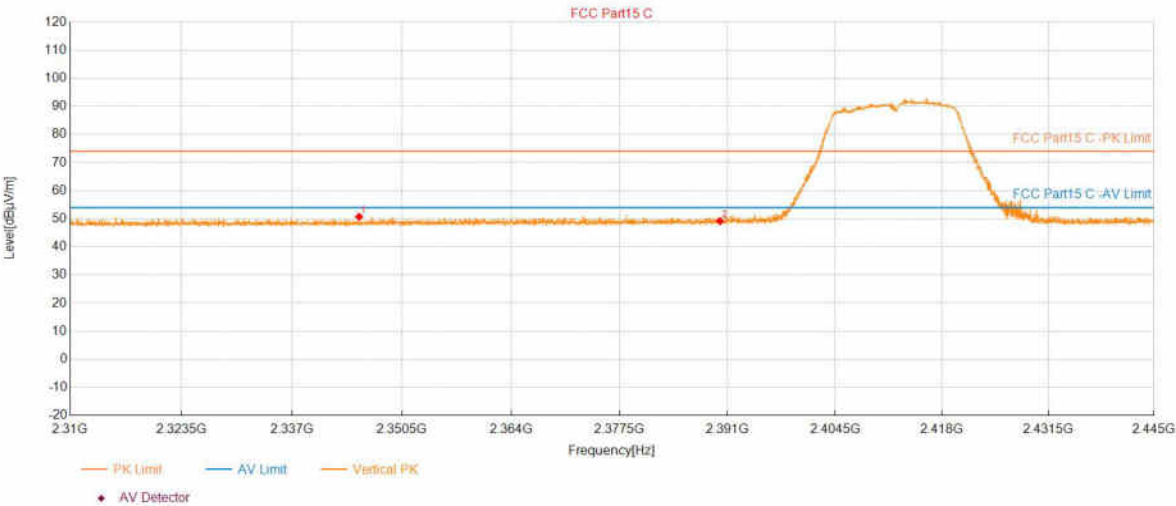
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2380.00	52.86	74.00	21.14	150	345	Horizontal
2	2390.02	49.90	74.00	24.10	150	34	Horizontal

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11G_2412	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:23:59

Test Graph



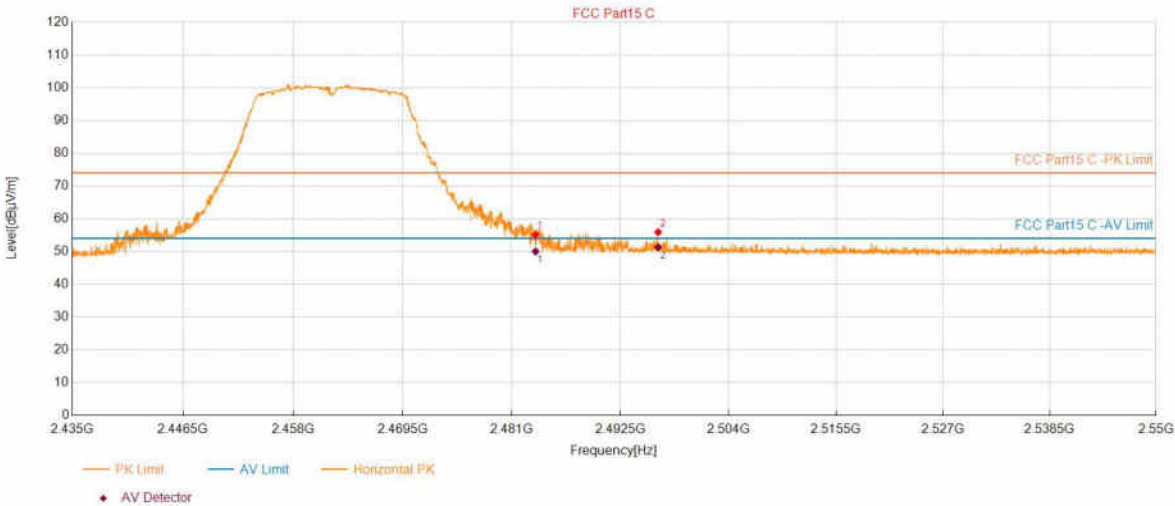
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2345.24	50.70	74.00	23.30	150	74	Vertical
2	2390.02	49.16	74.00	24.84	150	319	Vertical

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11G_2462	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:26:04

Test Graph



Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.52	55.19	74.00	18.81	150	313	Horizontal
2	2496.51	55.89	74.00	18.11	150	344	Horizontal

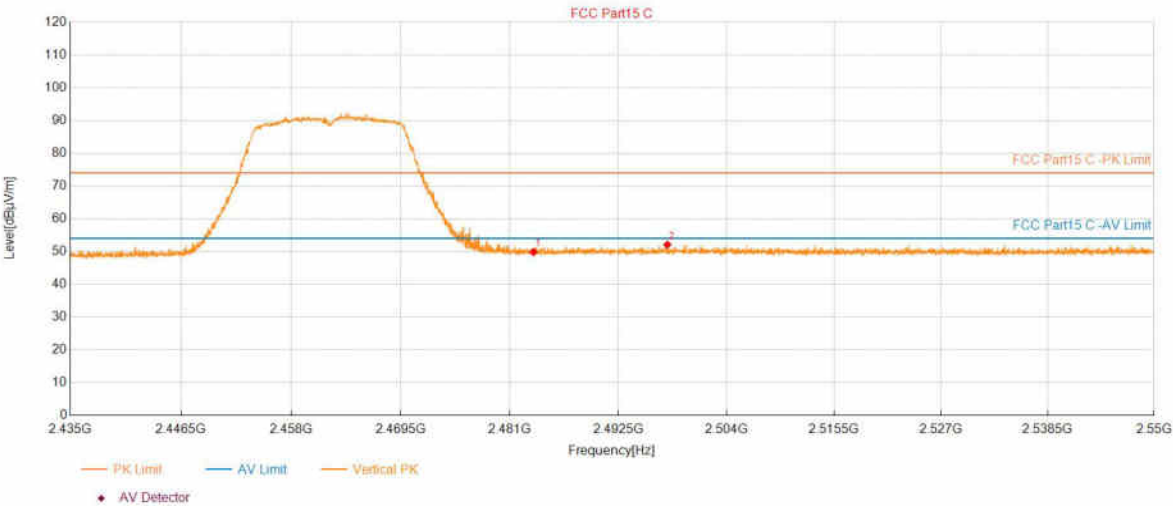
PK Final Data List								
NO.	Frequency (MHz)	Factor (dB/m)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.52	36.46	50.02	54.00	3.98	150	313	Horizontal
2	2496.51	36.54	50.76	54.00	3.24	107.5	286	Horizontal

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11G_2462	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:26:59

Test Graph



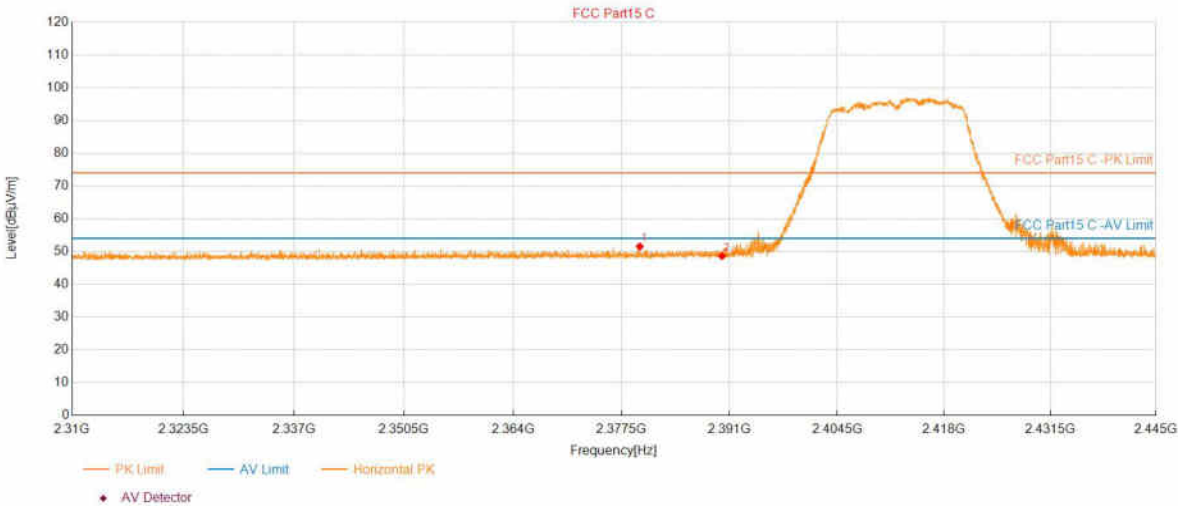
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.52	49.85	74.00	24.15	150	299	Vertical
2	2497.71	52.09	74.00	21.91	150	286	Vertical

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N20_2412	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 30		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:37:06

Test Graph



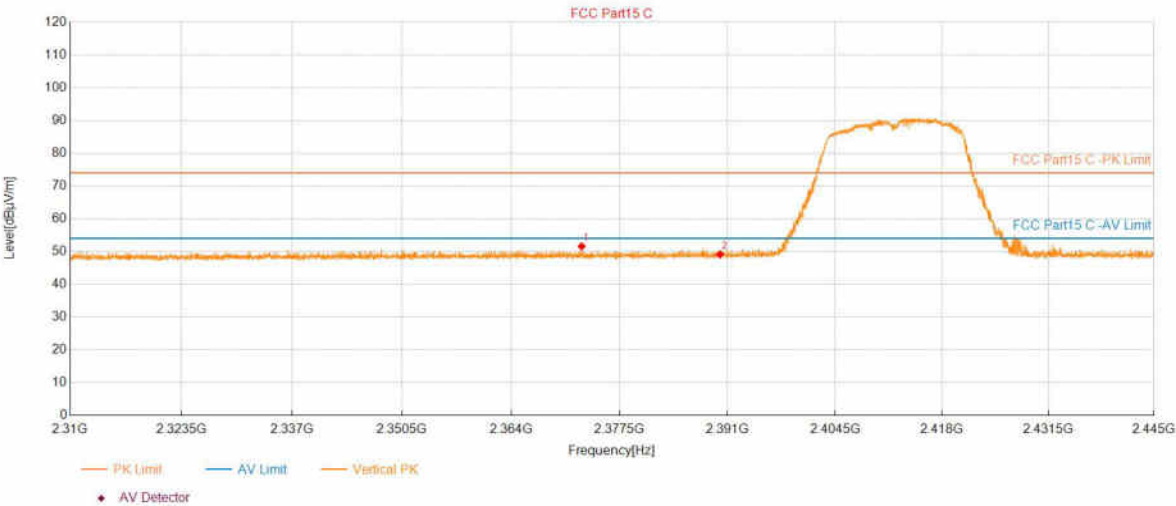
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2379.75	51.54	74.00	22.46	150	338	Horizontal
2	2390.02	48.60	74.00	25.40	150	8	Horizontal

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N20_2412	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 30		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:38:01

Test Graph



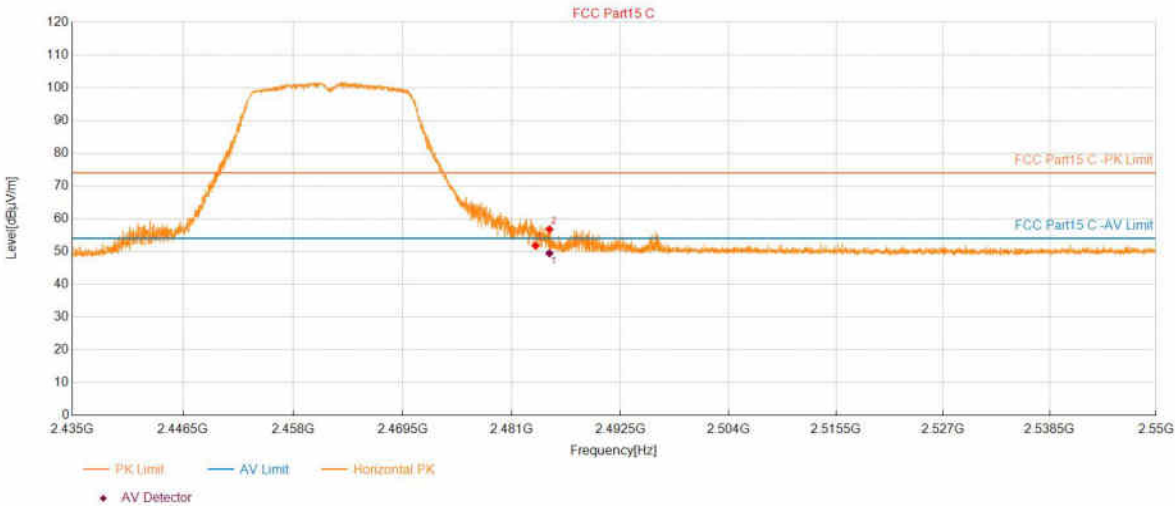
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2372.76	51.59	74.00	22.41	150	334	Vertical
2	2390.02	49.13	74.00	24.87	150	4	Vertical

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N20_2462	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:41:04

Test Graph



Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.52	51.80	74.00	22.20	150	214	Horizontal
2	2484.99	56.78	74.00	17.22	150	253	Horizontal

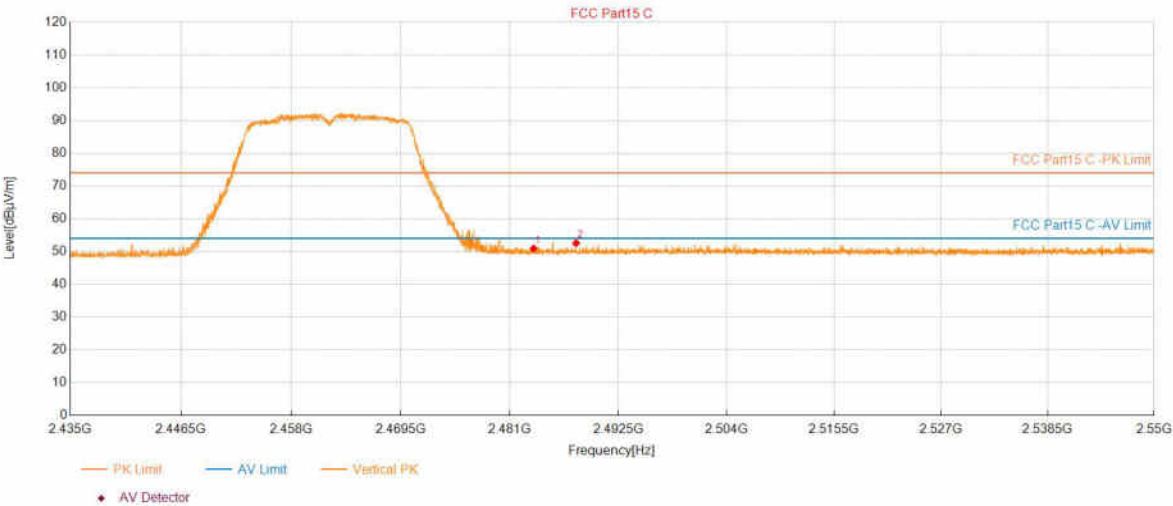
PK Final Data List								
NO.	Frequency (MHz)	Factor (dB/m)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2484.99	36.47	49.47	54.00	4.53	197.5	346	Horizontal

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N20_2462	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:41:59

Test Graph



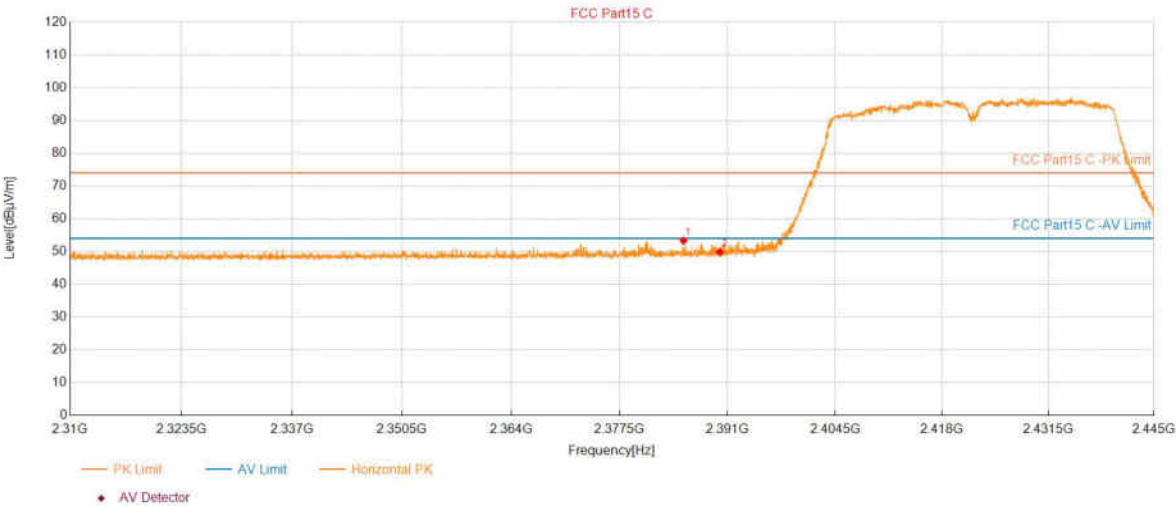
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.52	50.90	74.00	23.10	150	27	Vertical
2	2488.03	52.55	74.00	21.45	150	114	Vertical

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2422	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:47:13

Test Graph



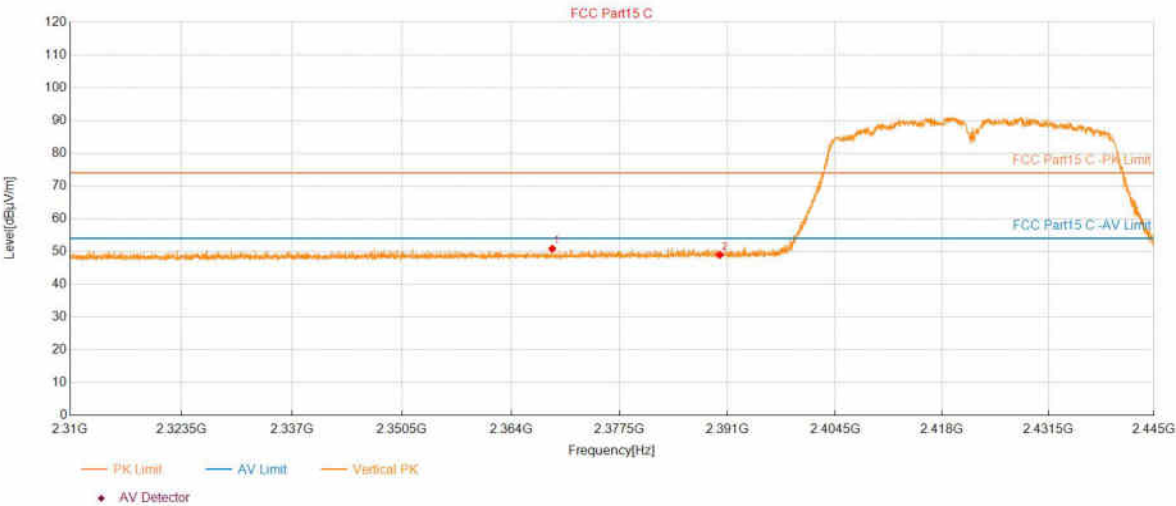
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2385.45	53.34	74.00	20.66	150	348	Horizontal
2	2390.02	49.85	74.00	24.15	150	266	Horizontal

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2422	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:48:22

Test Graph

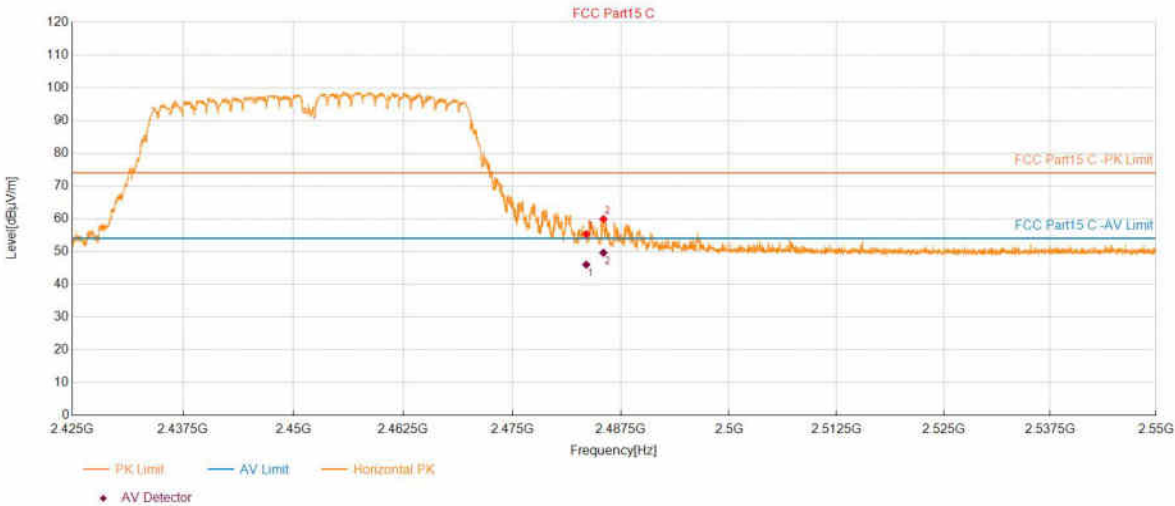


Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2369.11	50.84	74.00	23.16	150	174	Vertical
2	2390.02	48.98	74.00	25.02	150	303	Vertical

Test Report			
Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2452	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:50:37

Test Graph



Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.51	55.33	74.00	18.67	150	0	Horizontal
2	2485.49	59.89	74.00	14.11	150	234	Horizontal

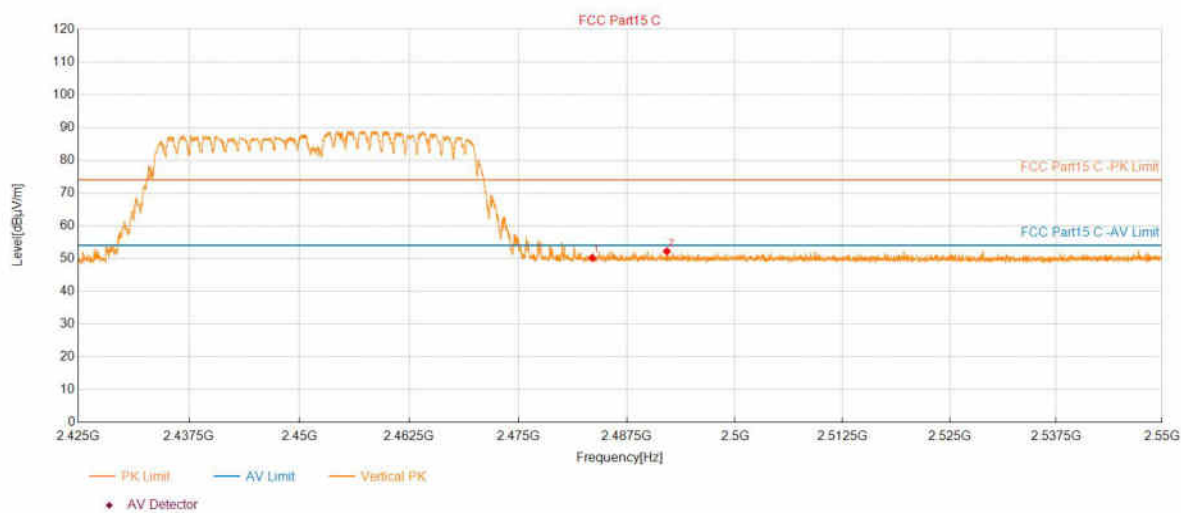
PK Final Data List								
NO.	Frequency (MHz)	Factor (dB/m)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.51	36.46	46.01	54.00	7.99	150	0	Horizontal
2	2485.49	36.47	49.62	54.00	4.38	121.1	341	Horizontal

Test Report

Project Information			
Customer:	IEEE 802.11b/g/n/a/ac 2T2RUSB WiFi Module Integrated BT		
EUT:			
Model:	SKI.WB822CU.8	SN:	
Mode:	11N40_2452	Voltage:	DC 3.3V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set : 40		
Test Standard: FCC Part15 C			

Start of Test:2024-07-05 01:51:32

Test Graph



Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.51	50.16	74.00	23.84	150	261	Vertical
2	2492.11	52.20	74.00	21.80	150	34	Vertical

END OF REPORT