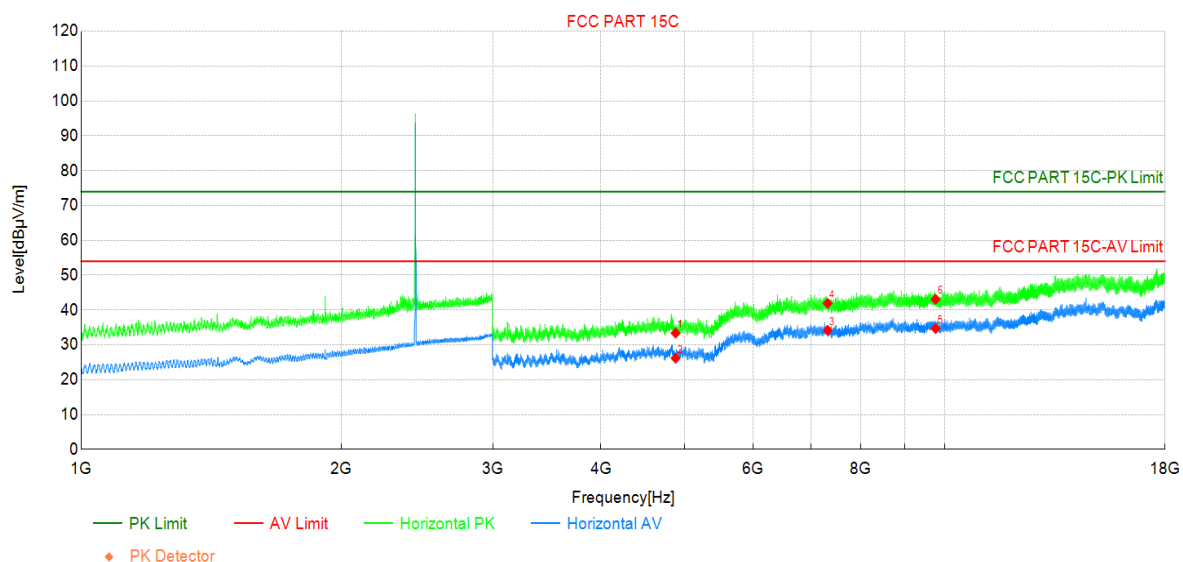


Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode2Transmit at 2440MHz by LE 2M	Voltage:	3.3 Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

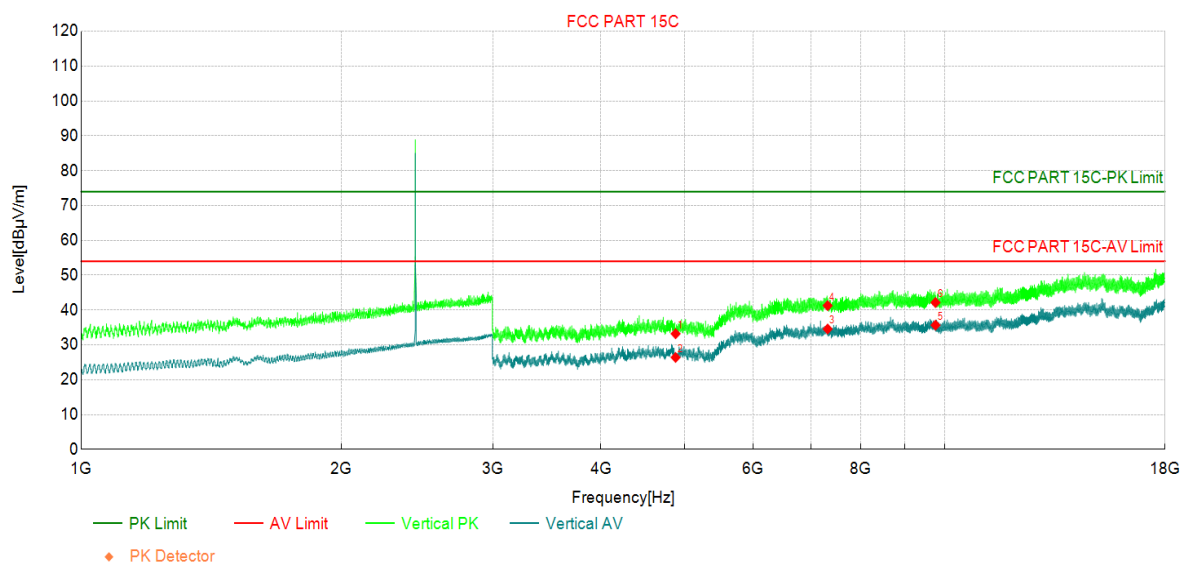
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	39.45	33.37	-6.08	74.00	40.63	PK	Horizo	PASS
2	4880.00	32.25	26.17	-6.08	54.00	27.83	AV	Horizo	PASS
3	7320.00	31.39	34.19	2.80	54.00	19.81	AV	Horizo	PASS
4	7320.00	39.12	41.92	2.80	74.00	32.08	PK	Horizo	PASS
5	9760.00	28.55	34.68	6.13	54.00	19.32	AV	Horizo	PASS
6	9760.00	36.94	43.07	6.13	74.00	30.93	PK	Horizo	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode2Transmit at 2440MHz by LE 2M	Voltage:	3.3 Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

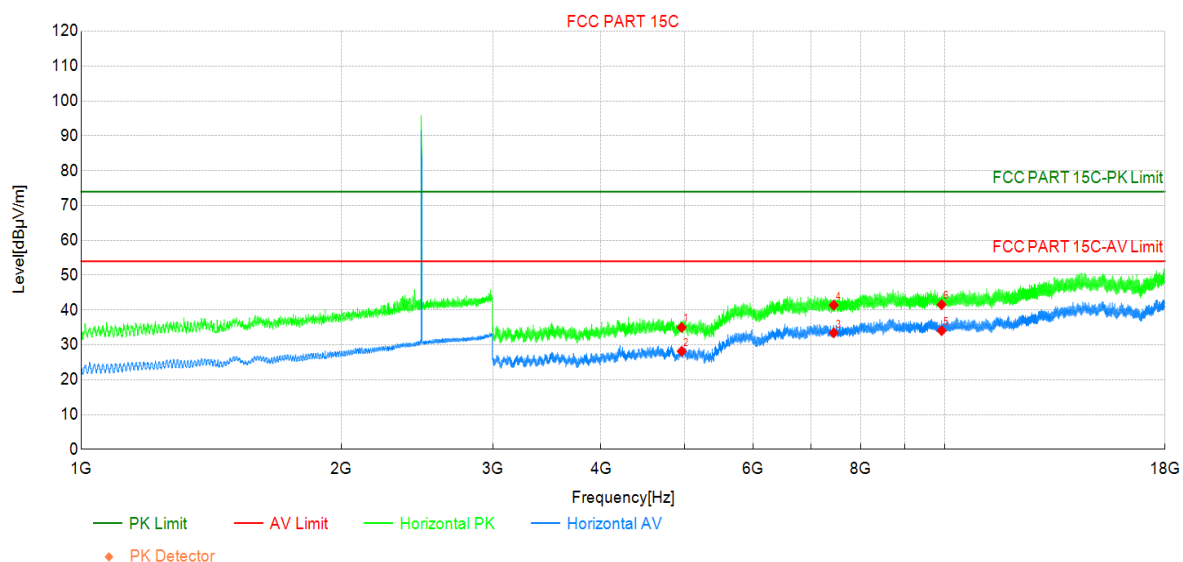
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	39.27	33.19	-6.08	74.00	40.81	PK	Vertic	PASS
2	4880.00	32.47	26.39	-6.08	54.00	27.61	AV	Vertic	PASS
3	7320.00	31.75	34.55	2.80	54.00	19.45	AV	Vertic	PASS
4	7320.00	38.46	41.26	2.80	74.00	32.74	PK	Vertic	PASS
5	9760.00	29.53	35.66	6.13	54.00	18.34	AV	Vertic	PASS
6	9760.00	36.02	42.15	6.13	74.00	31.85	PK	Vertic	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode2Transmit at 2480MHz by LE 2M	Voltage:	3.3 Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

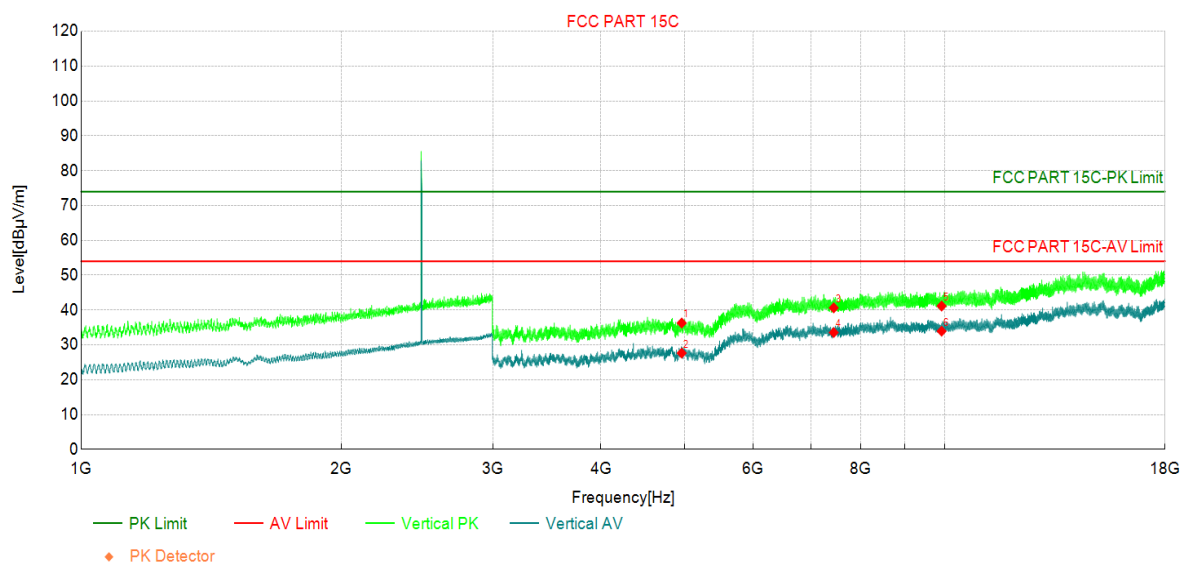
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	40.27	35.00	-5.27	74.00	39.00	PK	Horizo	PASS
2	4960.00	33.42	28.15	-5.27	54.00	25.85	AV	Horizo	PASS
3	7440.00	30.89	33.45	2.56	54.00	20.55	AV	Horizo	PASS
4	7440.00	38.85	41.41	2.56	74.00	32.59	PK	Horizo	PASS
5	9920.00	28.45	34.07	5.62	54.00	19.93	AV	Horizo	PASS
6	9920.00	35.93	41.55	5.62	74.00	32.45	PK	Horizo	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode2Transmit at 2480MHz by LE 2M	Voltage:	3.3 Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

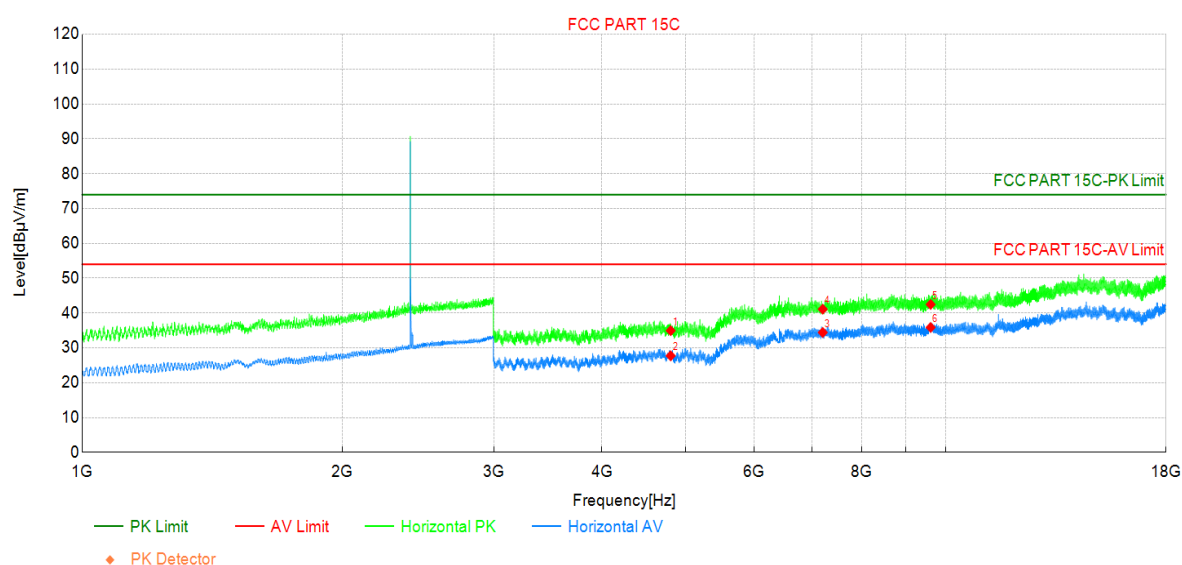
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	41.54	36.27	-5.27	74.00	37.73	PK	Vertic	PASS
2	4960.00	32.91	27.64	-5.27	54.00	26.36	AV	Vertic	PASS
3	7440.00	38.06	40.62	2.56	74.00	33.38	PK	Vertic	PASS
4	7440.00	30.98	33.54	2.56	54.00	20.46	AV	Vertic	PASS
5	9920.00	35.52	41.14	5.62	74.00	32.86	PK	Vertic	PASS
6	9920.00	28.31	33.93	5.62	54.00	20.07	AV	Vertic	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode3:Transmit at 2402MHz by 125K	Voltage:	3.3 Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

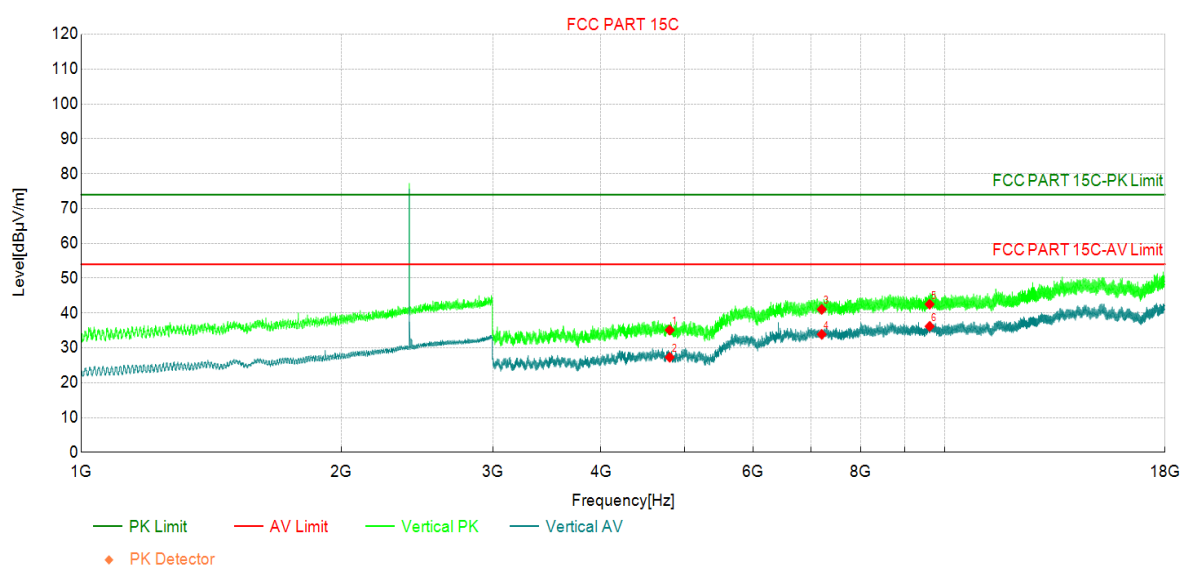
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	40.97	34.94	-6.03	74.00	39.06	PK	Horizo	PASS
2	4804.00	33.75	27.72	-6.03	54.00	26.28	AV	Horizo	PASS
3	7206.00	31.44	34.41	2.97	54.00	19.59	AV	Horizo	PASS
4	7206.00	38.13	41.10	2.97	74.00	32.90	PK	Horizo	PASS
5	9608.00	36.53	42.47	5.94	74.00	31.53	PK	Horizo	PASS
6	9608.00	29.93	35.87	5.94	54.00	18.13	AV	Horizo	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode3:Transmit at 2402MHz by 125K	Voltage:	3.3 Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

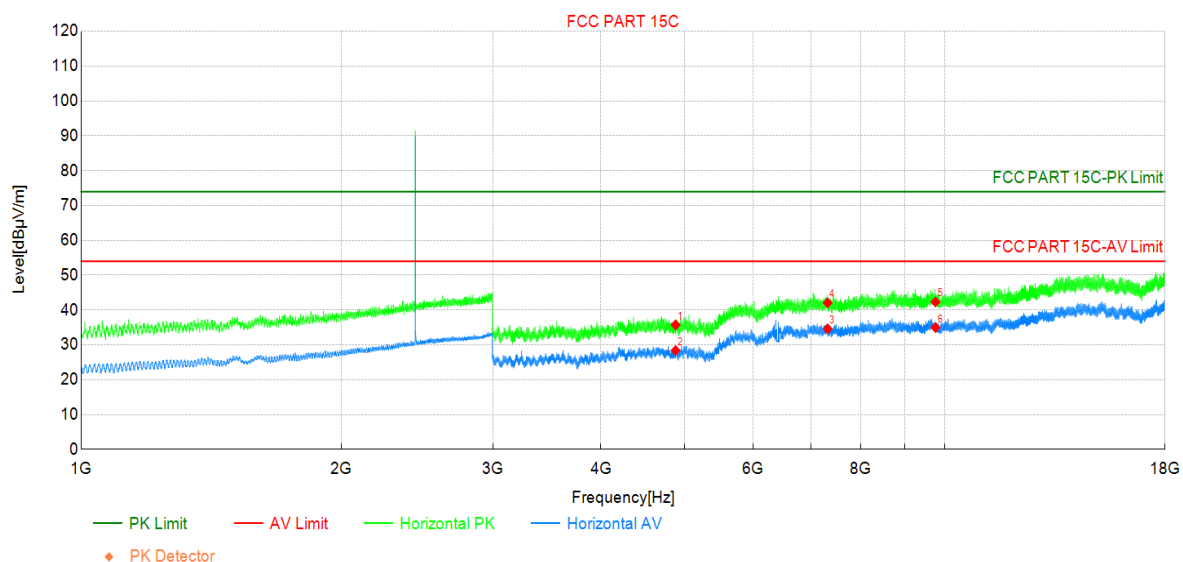
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	41.13	35.10	-6.03	74.00	38.90	PK	Vertic	PASS
2	4804.00	33.33	27.30	-6.03	54.00	26.70	AV	Vertic	PASS
3	7206.00	38.08	41.05	2.97	74.00	32.95	PK	Vertic	PASS
4	7206.00	30.89	33.86	2.97	54.00	20.14	AV	Vertic	PASS
5	9608.00	36.58	42.52	5.94	74.00	31.48	PK	Vertic	PASS
6	9608.00	30.22	36.16	5.94	54.00	17.84	AV	Vertic	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode3:Transmit at 2440MHz by 125K	Voltage:	3.3 Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

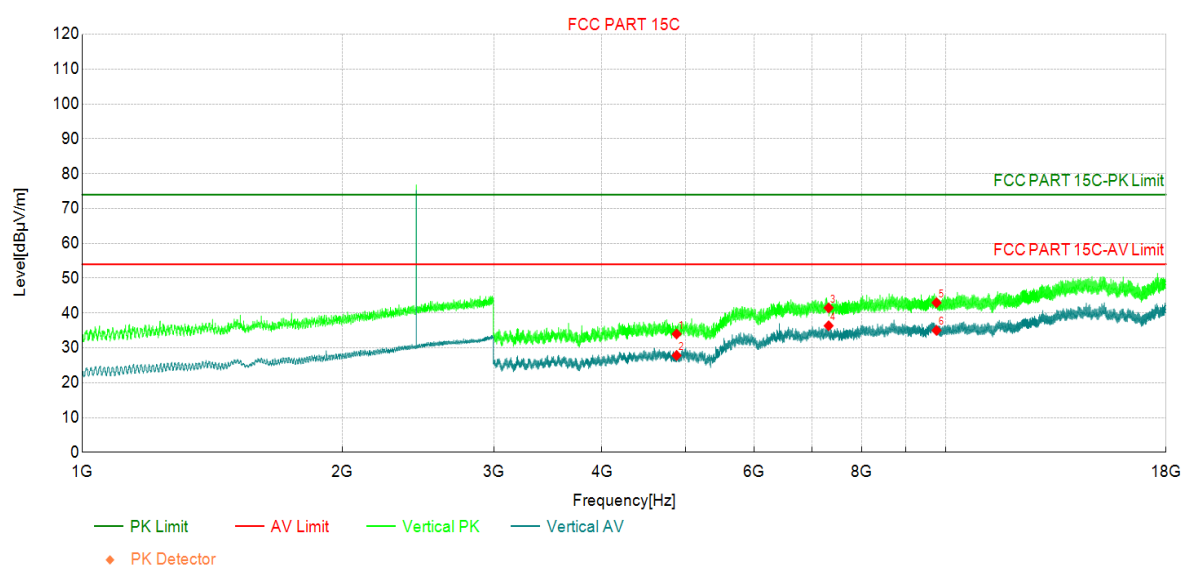
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	41.80	35.72	-6.08	74.00	38.28	PK	Horizo	PASS
2	4880.00	34.45	28.37	-6.08	54.00	25.63	AV	Horizo	PASS
3	7320.00	31.80	34.60	2.80	54.00	19.40	AV	Horizo	PASS
4	7320.00	39.26	42.06	2.80	74.00	31.94	PK	Horizo	PASS
5	9760.00	36.18	42.31	6.13	74.00	31.69	PK	Horizo	PASS
6	9760.00	28.84	34.97	6.13	54.00	19.03	AV	Horizo	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode3:Transmit at 2440MHz by 125K	Voltage:	3.3 Vdc
Environment:	Temp: 25℃ ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

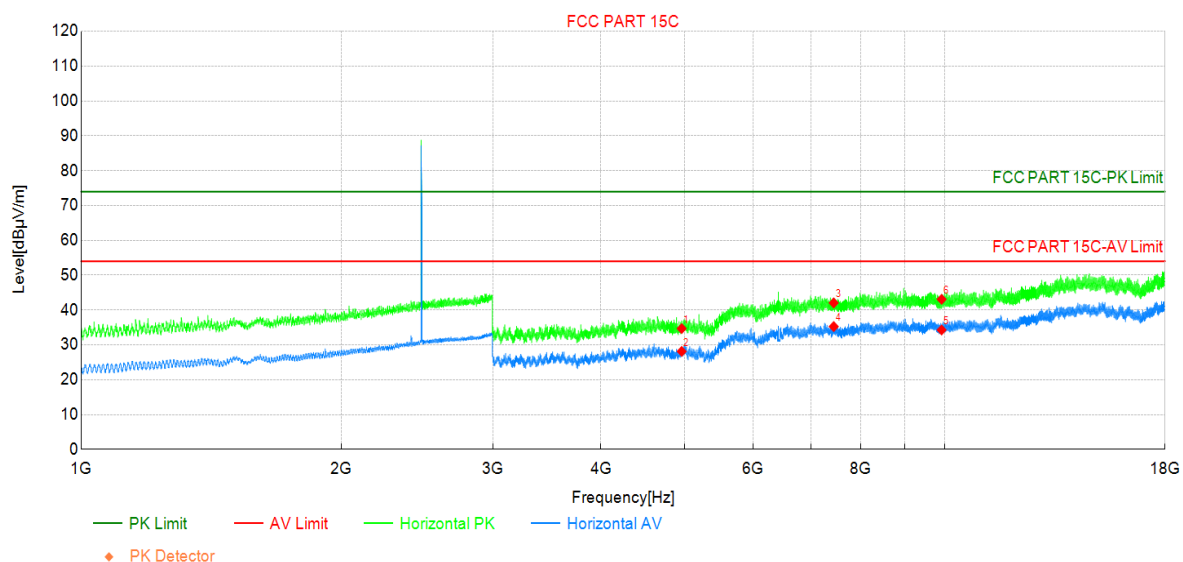
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	40.06	33.98	-6.08	74.00	40.02	PK	Vertic	PASS
2	4880.00	33.90	27.82	-6.08	54.00	26.18	AV	Vertic	PASS
3	7320.00	38.70	41.50	2.80	74.00	32.50	PK	Vertic	PASS
4	7320.00	33.54	36.34	2.80	54.00	17.66	AV	Vertic	PASS
5	9760.00	36.82	42.95	6.13	74.00	31.05	PK	Vertic	PASS
6	9760.00	28.88	35.01	6.13	54.00	18.99	AV	Vertic	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode3:Transmit at 2480MHz by 125K	Voltage:	3.3 Vdc
Environment:	Temp: 25℃ ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

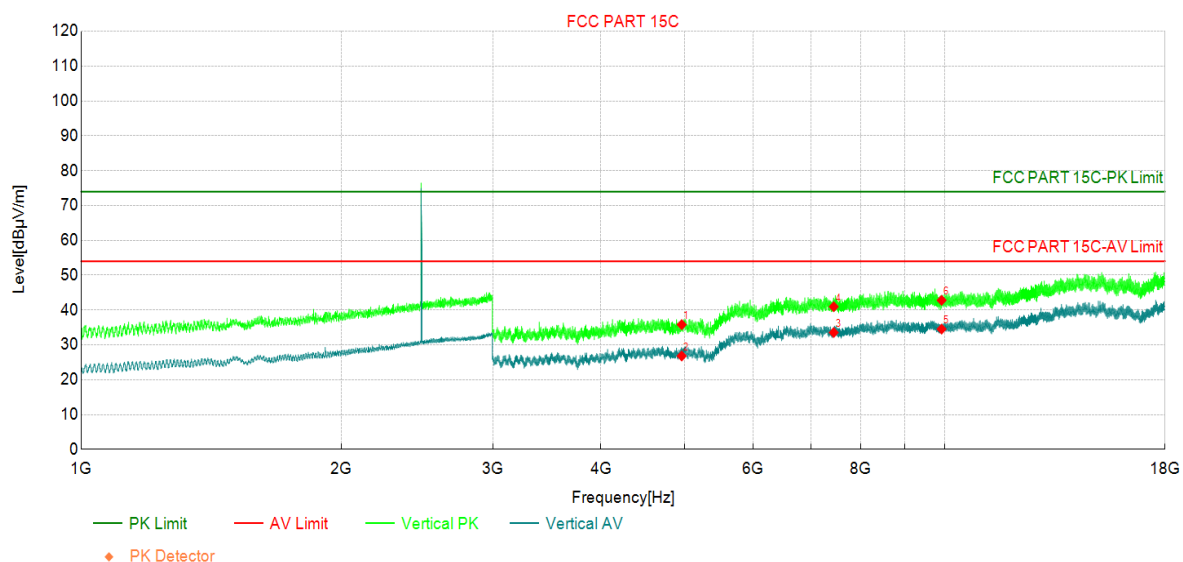
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	39.95	34.68	-5.27	74.00	39.32	PK	Horizo	PASS
2	4960.00	33.39	28.12	-5.27	54.00	25.88	AV	Horizo	PASS
3	7440.00	39.48	42.04	2.56	74.00	31.96	PK	Horizo	PASS
4	7440.00	32.69	35.25	2.56	54.00	18.75	AV	Horizo	PASS
5	9920.00	28.65	34.27	5.62	54.00	19.73	AV	Horizo	PASS
6	9920.00	37.45	43.07	5.62	74.00	30.93	PK	Horizo	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode3:Transmit at 2480MHz by 125K	Voltage:	3.3 Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

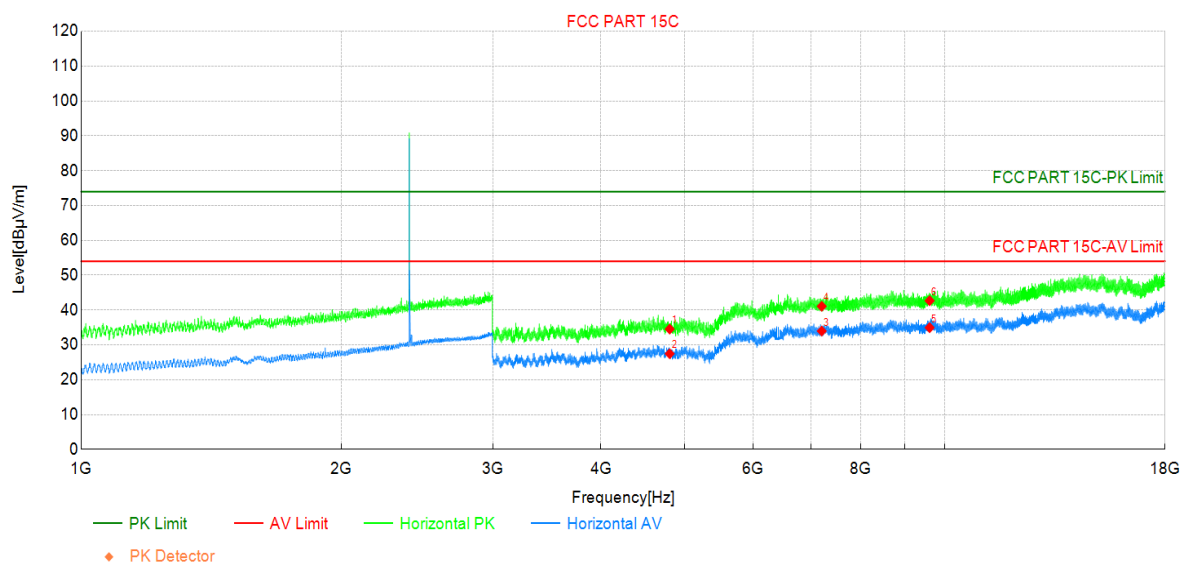
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	41.07	35.80	-5.27	74.00	38.20	PK	Vertic	PASS
2	4960.00	32.08	26.81	-5.27	54.00	27.19	AV	Vertic	PASS
3	7440.00	30.97	33.53	2.56	54.00	20.47	AV	Vertic	PASS
4	7440.00	38.39	40.95	2.56	74.00	33.05	PK	Vertic	PASS
5	9920.00	28.90	34.52	5.62	54.00	19.48	AV	Vertic	PASS
6	9920.00	37.17	42.79	5.62	74.00	31.21	PK	Vertic	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode4:Transmit at 2402MHz by 500K	Voltage:	3.3 Vdc
Environment:	Temp: 25℃ ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

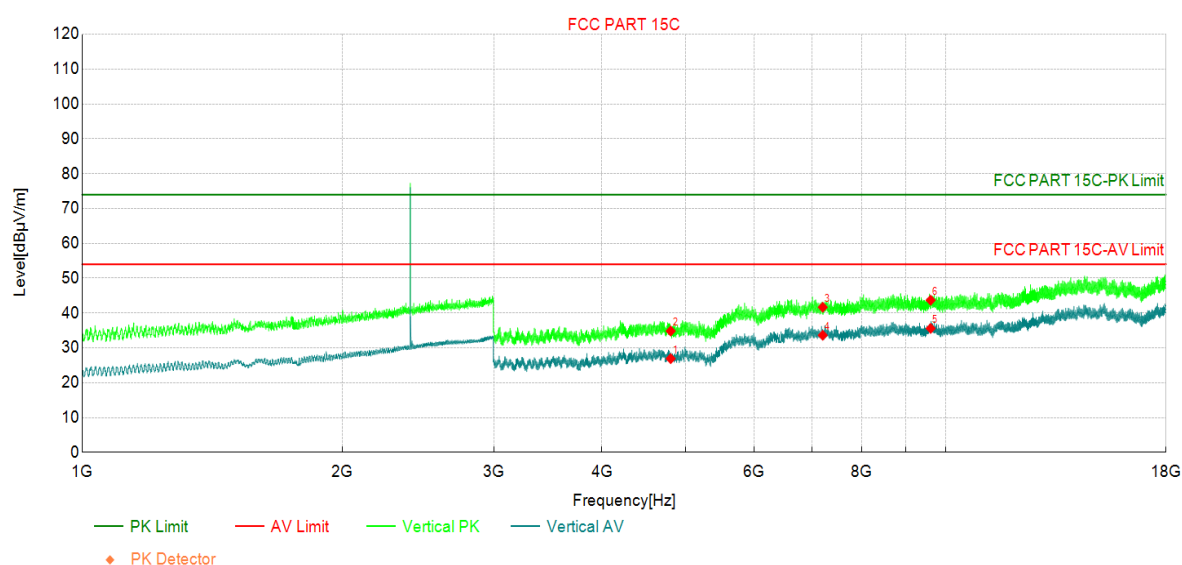
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	40.56	34.53	-6.03	74.00	39.47	PK	Horizo	PASS
2	4804.00	33.49	27.46	-6.03	54.00	26.54	AV	Horizo	PASS
3	7206.00	30.99	33.96	2.97	54.00	20.04	AV	Horizo	PASS
4	7206.00	38.09	41.06	2.97	74.00	32.94	PK	Horizo	PASS
5	9608.00	29.00	34.94	5.94	54.00	19.06	AV	Horizo	PASS
6	9608.00	36.73	42.67	5.94	74.00	31.33	PK	Horizo	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode4:Transmit at 2402MHz by 500K	Voltage:	3.3 Vdc
Environment:	Temp: 25℃ ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

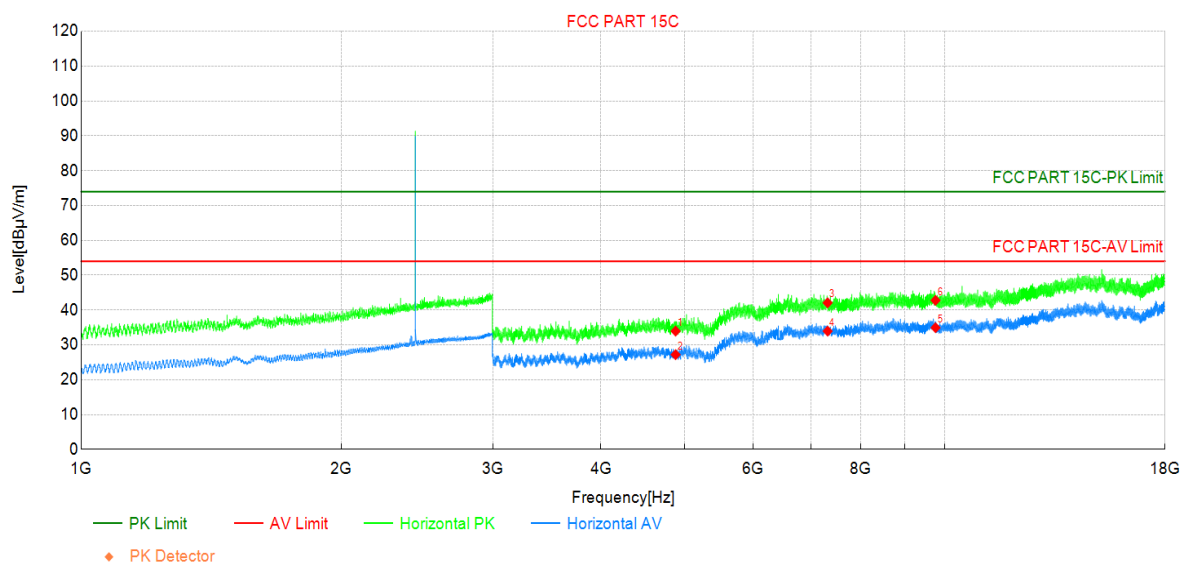
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	32.94	26.91	-6.03	54.00	27.09	AV	Vertic	PASS
2	4804.00	40.85	34.82	-6.03	74.00	39.18	PK	Vertic	PASS
3	7206.00	38.70	41.67	2.97	74.00	32.33	PK	Vertic	PASS
4	7206.00	30.64	33.61	2.97	54.00	20.39	AV	Vertic	PASS
5	9608.00	29.64	35.58	5.94	54.00	18.42	AV	Vertic	PASS
6	9608.00	37.74	43.68	5.94	74.00	30.32	PK	Vertic	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode4:Transmit at 2440MHz by 500K	Voltage:	3.3 Vdc
Environment:	Temp: 25℃ ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

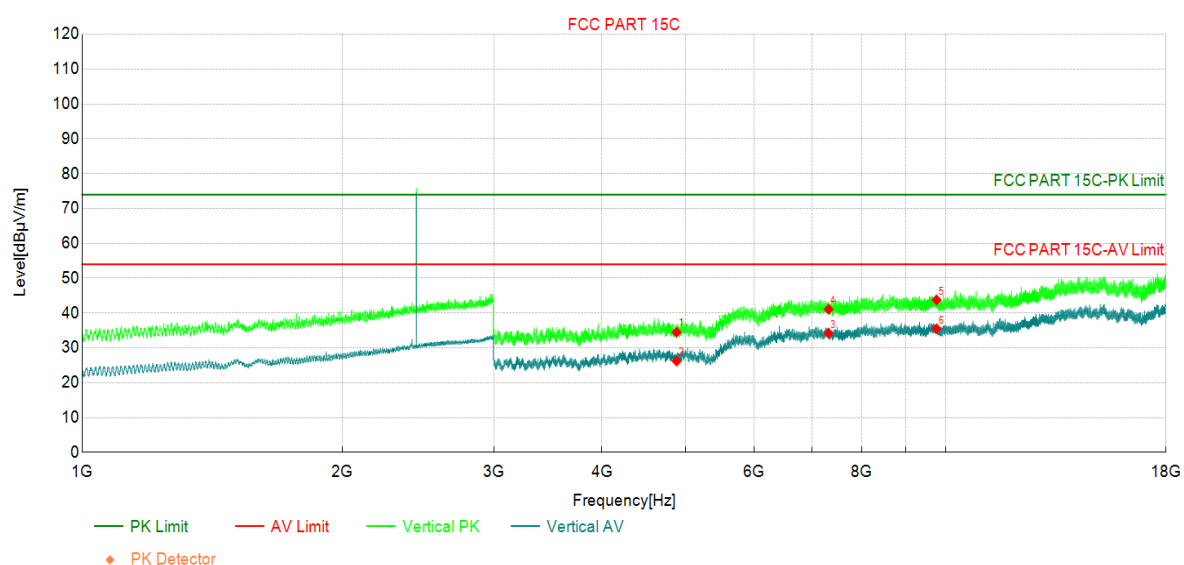
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	40.02	33.94	-6.08	74.00	40.06	PK	Horizo	PASS
2	4880.00	33.27	27.19	-6.08	54.00	26.81	AV	Horizo	PASS
3	7320.00	39.27	42.07	2.80	74.00	31.93	PK	Horizo	PASS
4	7320.00	31.14	33.94	2.80	54.00	20.06	AV	Horizo	PASS
5	9760.00	28.80	34.93	6.13	54.00	19.07	AV	Horizo	PASS
6	9760.00	36.64	42.77	6.13	74.00	31.23	PK	Horizo	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode4:Transmit at 2440MHz by 500K	Voltage:	3.3 Vdc
Environment:	Temp: 25°C ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

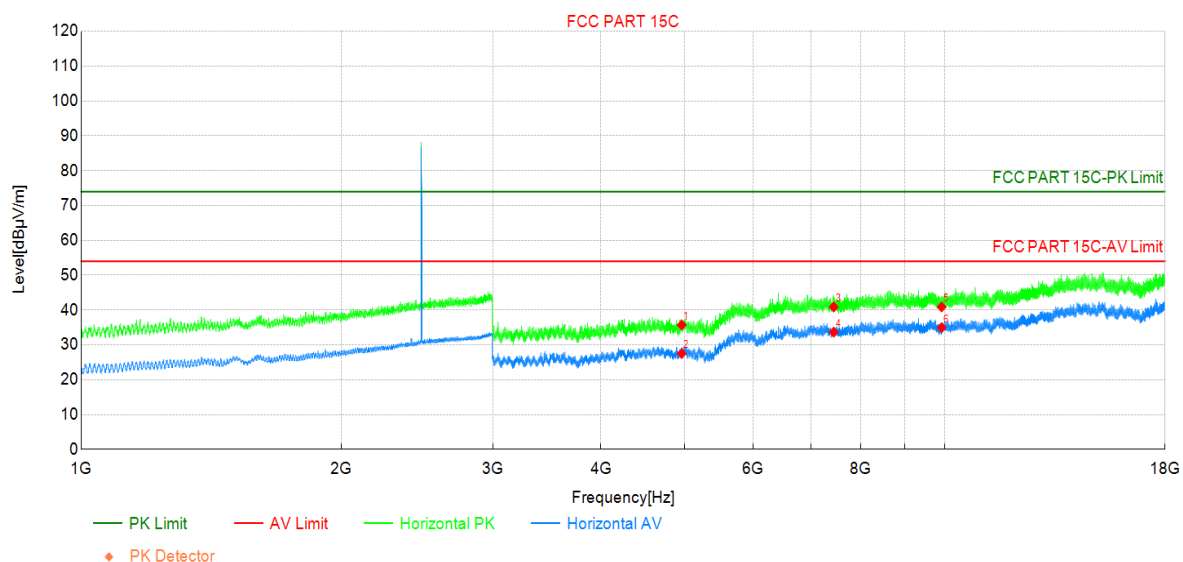
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	40.58	34.50	-6.08	74.00	39.50	PK	Vertic	PASS
2	4880.00	32.28	26.20	-6.08	54.00	27.80	AV	Vertic	PASS
3	7320.00	31.38	34.18	2.80	54.00	19.82	AV	Vertic	PASS
4	7320.00	38.26	41.06	2.80	74.00	32.94	PK	Vertic	PASS
5	9760.00	37.63	43.76	6.13	74.00	30.24	PK	Vertic	PASS
6	9760.00	29.34	35.47	6.13	54.00	18.53	AV	Vertic	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2 /5.2
Mode:	Mode4:Transmit at 2480MHz by 500K	Voltage:	3.3 Vdc
Environment:	Temp: 25℃ ; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

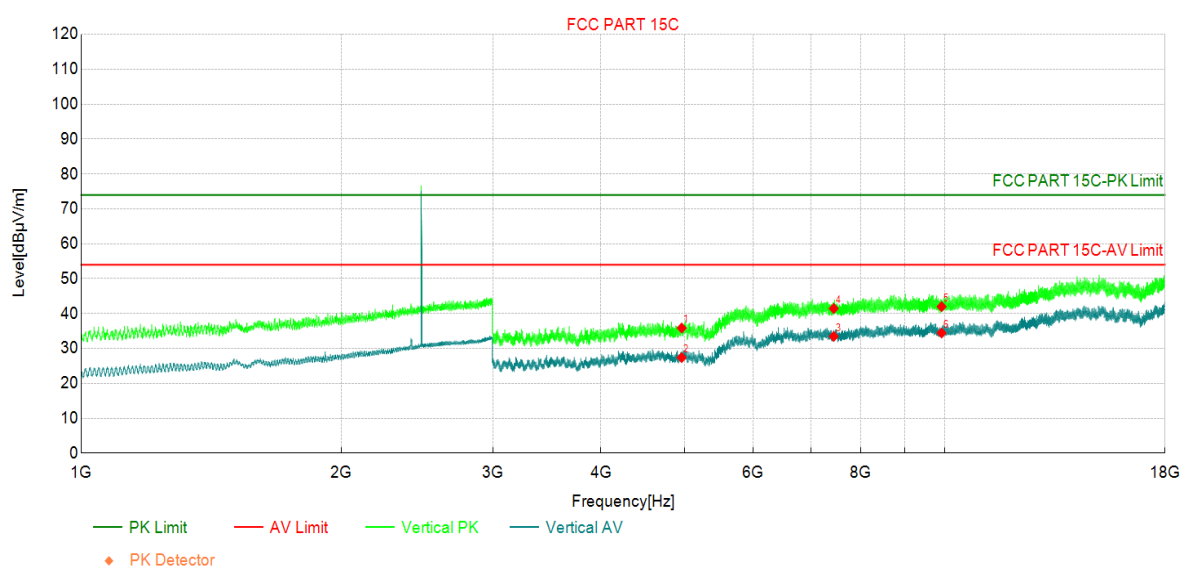
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	40.98	35.71	-5.27	74.00	38.29	PK	Horizo	PASS
2	4960.00	32.78	27.51	-5.27	54.00	26.49	AV	Horizo	PASS
3	7440.00	38.32	40.88	2.56	74.00	33.12	PK	Horizo	PASS
4	7440.00	31.08	33.64	2.56	54.00	20.36	AV	Horizo	PASS
5	9920.00	35.26	40.88	5.62	74.00	33.12	PK	Horizo	PASS
6	9920.00	29.31	34.93	5.62	54.00	19.07	AV	Horizo	PASS

Test Report

Project Information

Profile:	2510795R	EUT:	IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2/5.2
Mode:	Mode4:Transmit at 2480MHz by 500K	Voltage:	3.3 Vdc
Environment:	Temp: 25℃; Humi:60%	Engineer	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	41.12	35.85	-5.27	74.00	38.15	PK	Vertic	PASS
2	4960.00	32.66	27.39	-5.27	54.00	26.61	AV	Vertic	PASS
3	7440.00	30.90	33.46	2.56	54.00	20.54	AV	Vertic	PASS
4	7440.00	38.89	41.45	2.56	74.00	32.55	PK	Vertic	PASS
5	9920.00	36.38	42.00	5.62	74.00	32.00	PK	Vertic	PASS
6	9920.00	28.82	34.44	5.62	54.00	19.56	AV	Vertic	PASS

Note:

1. Level=Reading+Factor .

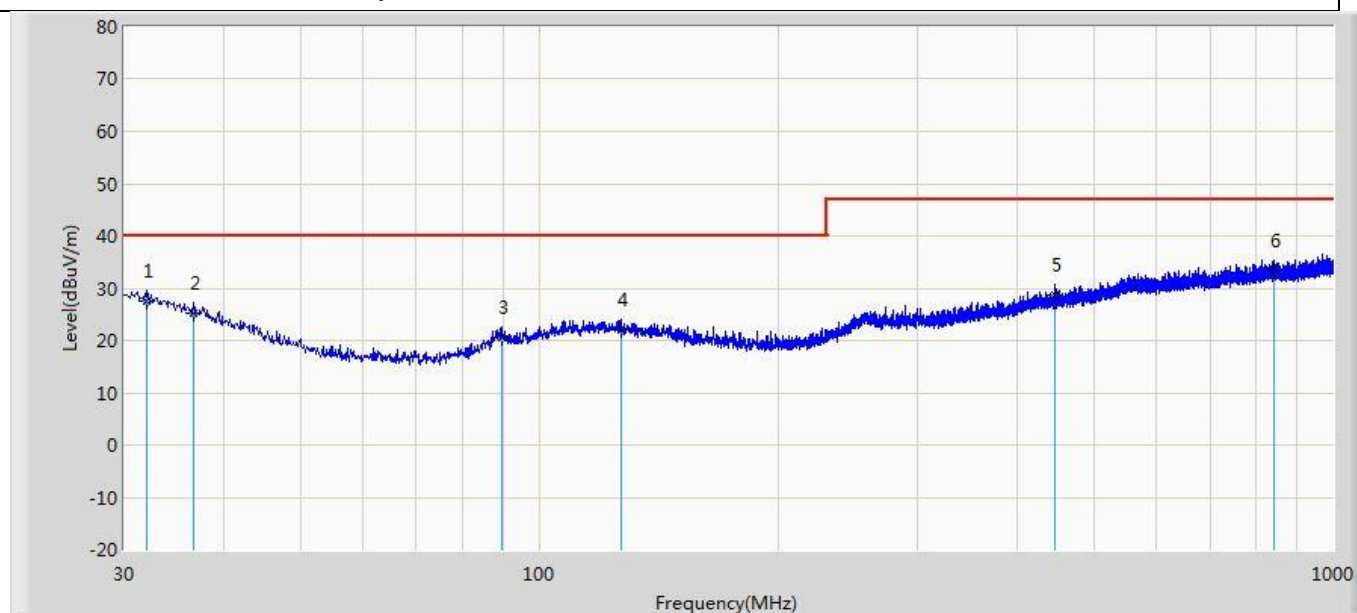
2. Margin=Limit-Level.

3. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.

4. The test frequency range, 18GHz~26GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.

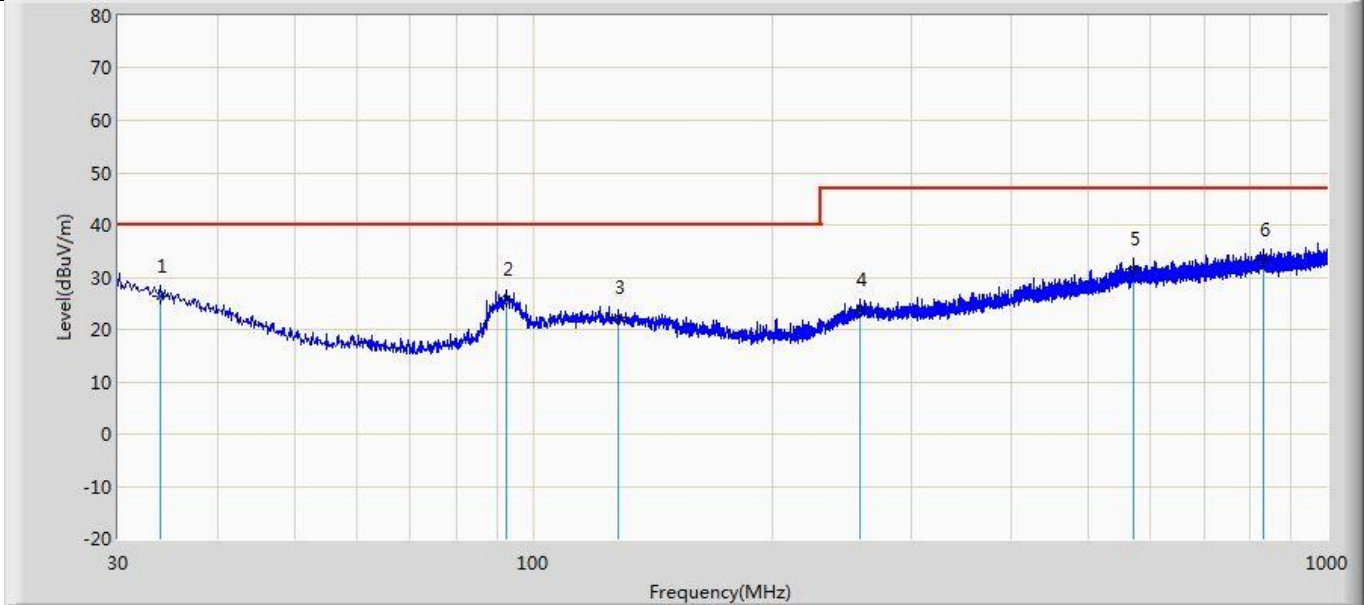
The worst case of Radiated Emission below 1GHz :

Profile: 2510795R	Page No.: 1
Engineer: Yuliu	
Site: AC2	Time: 2025/04/06 - 22:21
Limit: FCC Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2/5.2	Power: 3.3 Vdc
Note: Mode1Transmit at 2402MHz by LE 1M	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	32.061	27.466	3.235	-12.534	40.000	24.231	QP
2		36.669	25.346	3.502	-14.654	40.000	21.844	QP
3		89.655	20.518	4.527	-19.482	40.000	15.991	QP
4		126.879	22.020	2.995	-17.980	40.000	19.026	QP
5		446.494	28.774	4.014	-18.226	47.000	24.760	QP
6		844.679	33.477	3.864	-13.523	47.000	29.613	QP

Profile: 2510795R	Page No.: 2
Engineer: Yuliu	
Site: AC2	Time: 2025/04/06 - 22:21
Limit: FCC Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R Band USB2.0 Combo Module Integrated Bluetooth V2.1/3.0/4.0/4.1/4.2/5.2	Power: 3.3 Vdc
Note: Mode1Transmit at 2402MHz by LE 1M	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		33.880	26.305	2.964	-13.695	40.000	23.341	QP
2		92.444	25.663	9.136	-14.337	40.000	16.528	QP
3		127.817	22.266	3.282	-17.734	40.000	18.983	QP
4		257.707	23.817	2.793	-23.183	47.000	21.024	QP
5		571.139	31.499	4.258	-15.501	47.000	27.242	QP
6	*	830.977	33.437	3.612	-13.563	47.000	29.825	QP

- Note:
- " * ", means this data is the worst emission level.
 - Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

The End