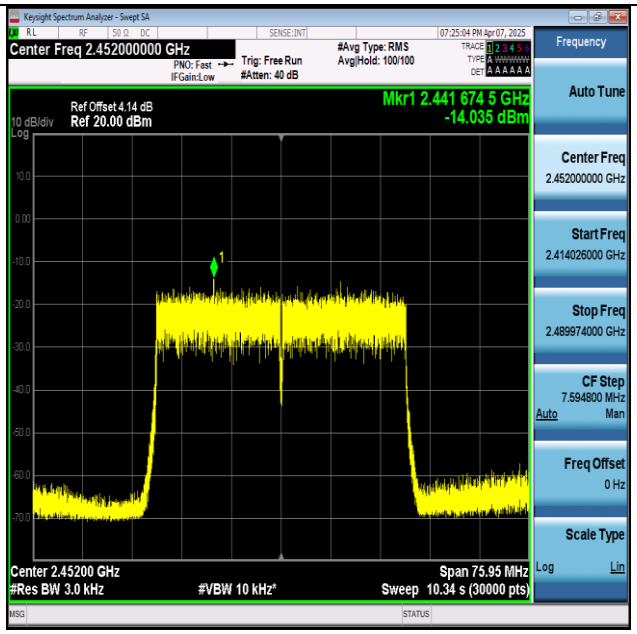


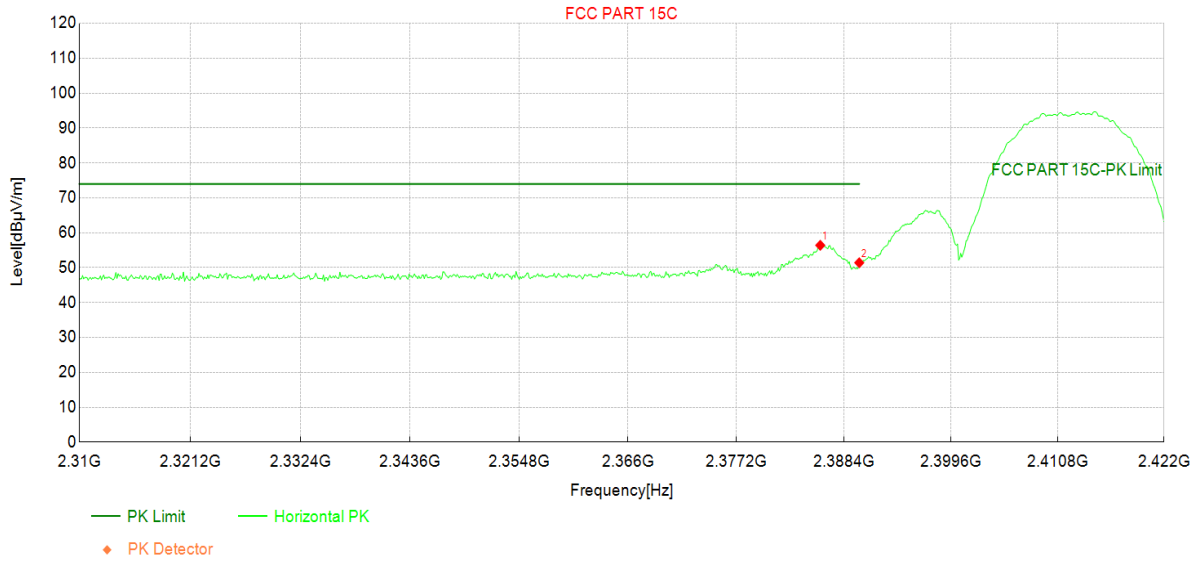
11AX40MIMO-Ant1+2-2452-PASS

Appendix E: Band edge measurements

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:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

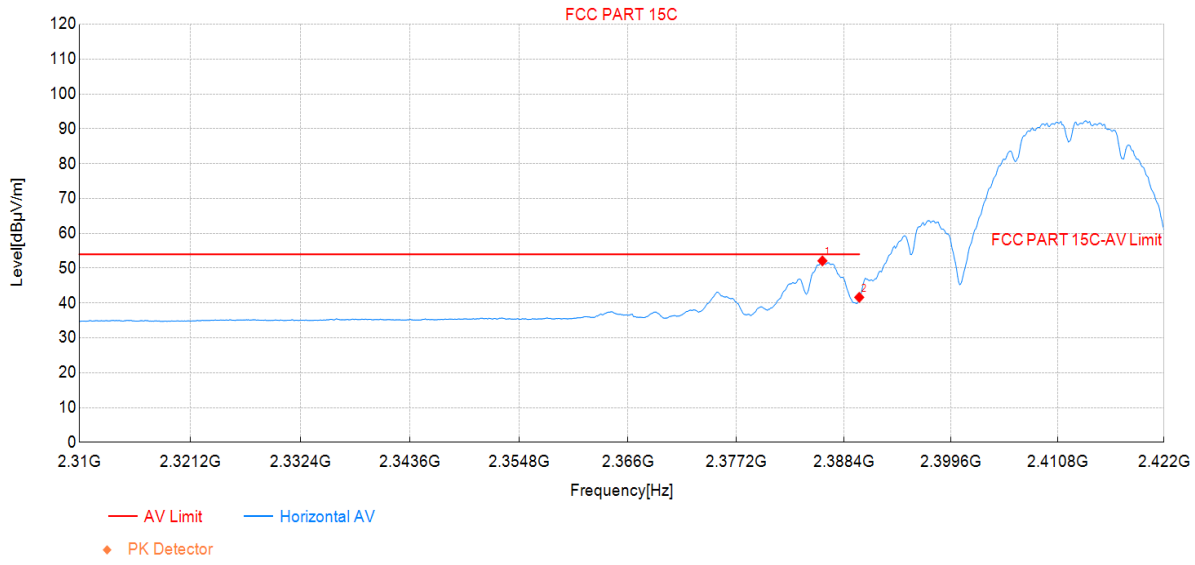


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2385.94	52.77	56.40	3.63	74.00	17.60	PK	Horizo	PASS
2	2390.00	47.76	51.41	3.65	74.00	22.59	PK	Horizo	PASS

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:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

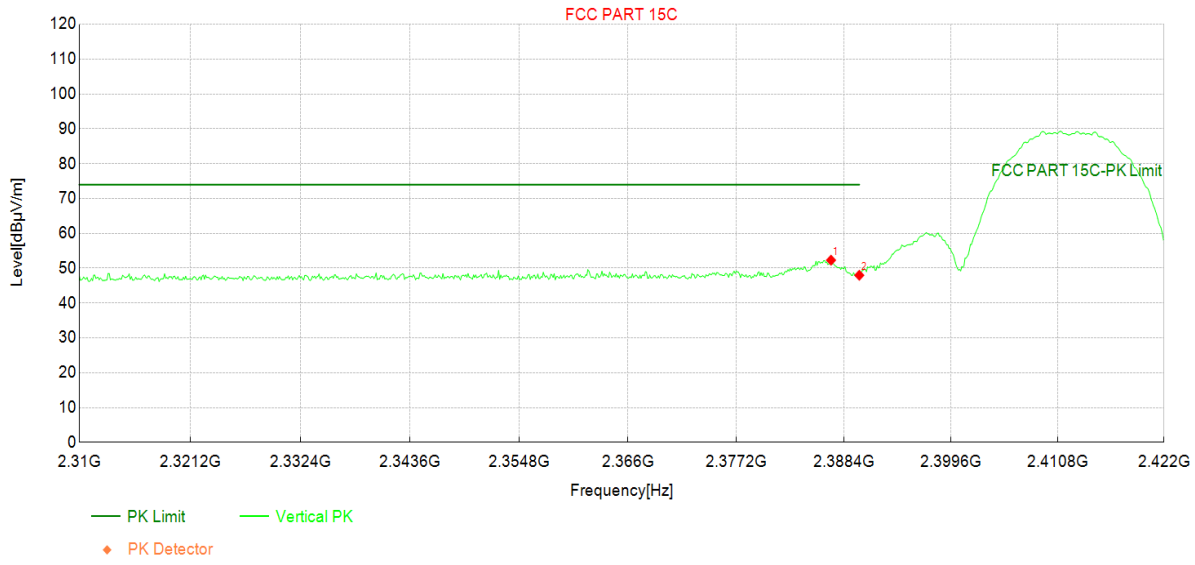


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2386.16	48.47	52.10	3.63	54.00	1.90	AV	Horizo	PASS
2	2390.00	37.98	41.63	3.65	54.00	12.37	AV	Horizo	PASS

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:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

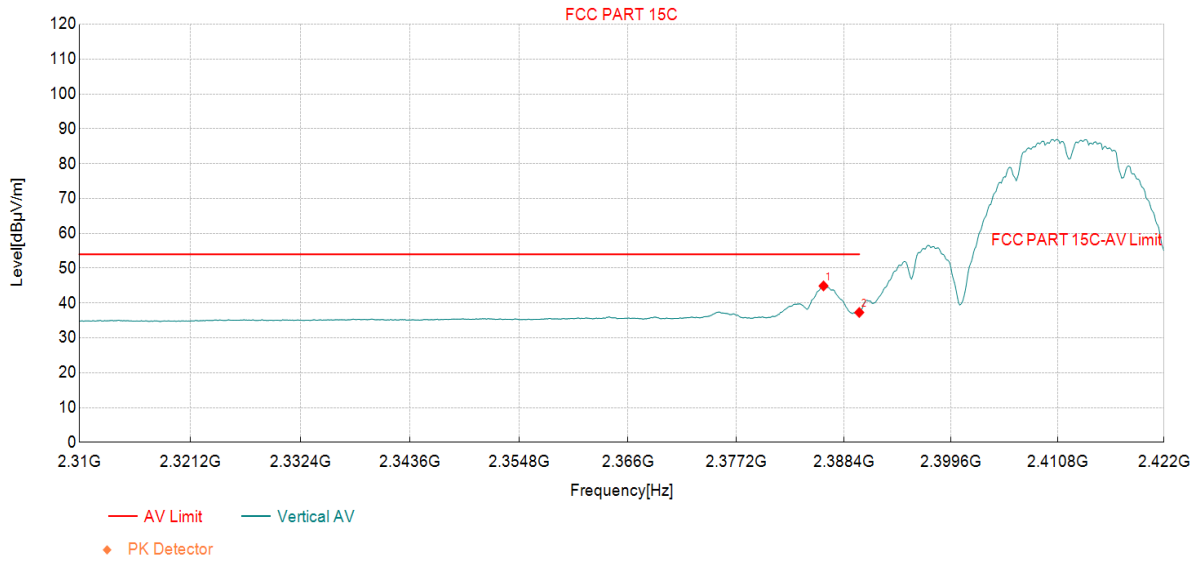


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.06	48.67	52.30	3.63	74.00	21.70	PK	Vertic	PASS
2	2390.00	44.32	47.97	3.65	74.00	26.03	PK	Vertic	PASS

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:	Mode1:Transmit at 2412MHz by 802.11b	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



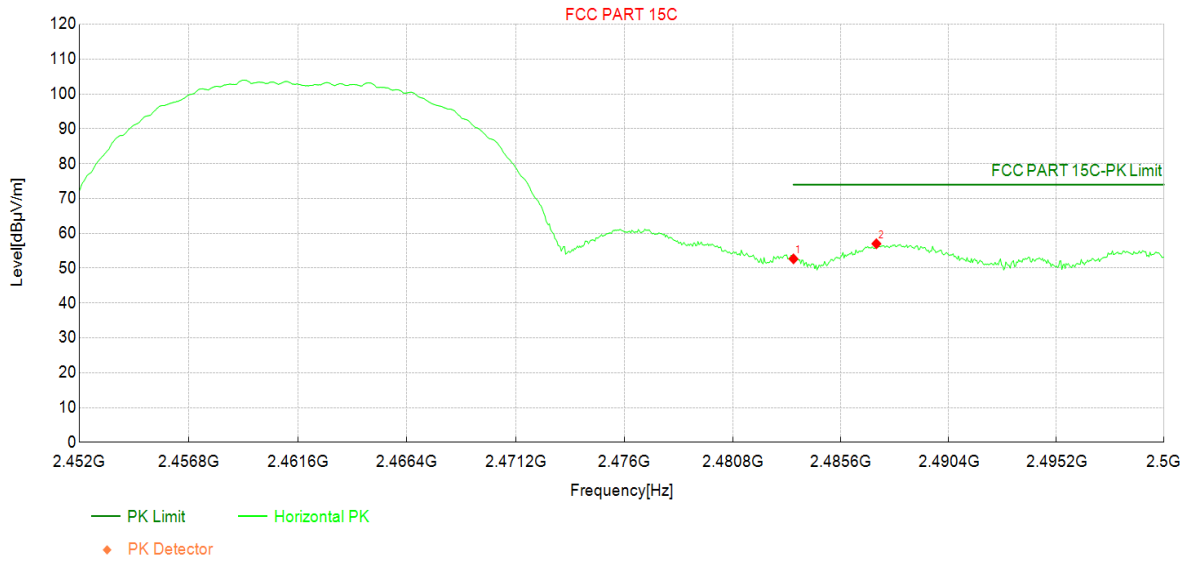
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2386.27	41.28	44.91	3.63	54.00	9.09	AV	Vertic	PASS
2	2390.00	33.64	37.29	3.65	54.00	16.71	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:	Mode1:Transmit at 2462MHz by 802.11b	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

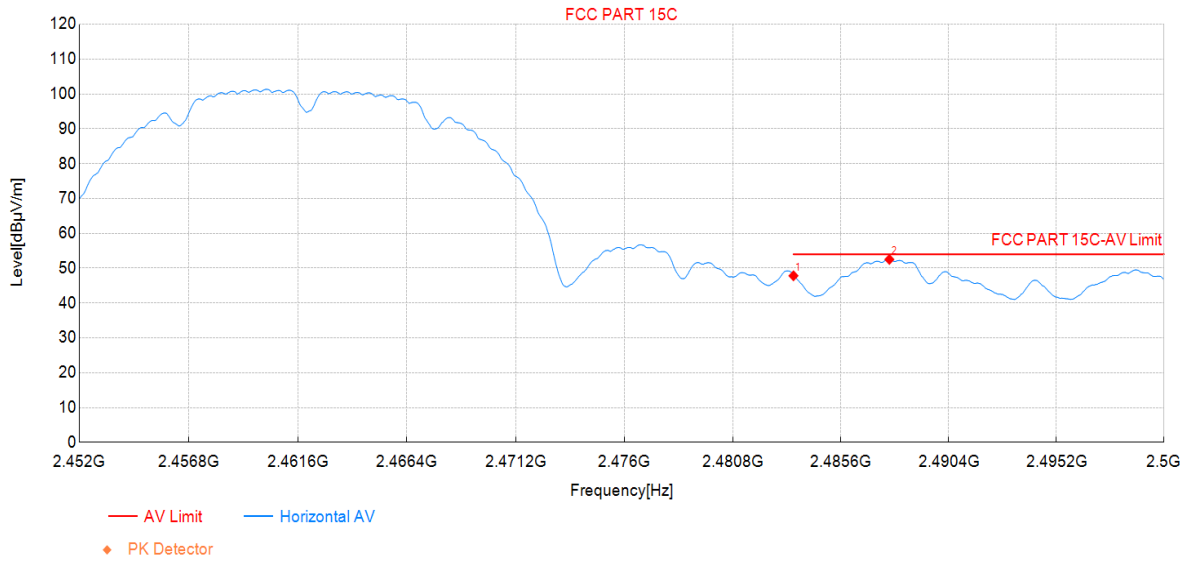


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	48.58	52.67	4.09	74.00	21.33	PK	Horizo	PASS
2	2487.18	52.90	57.01	4.11	74.00	16.99	PK	Horizo	PASS

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:	Mode1:Transmit at 2462MHz by 802.11b	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



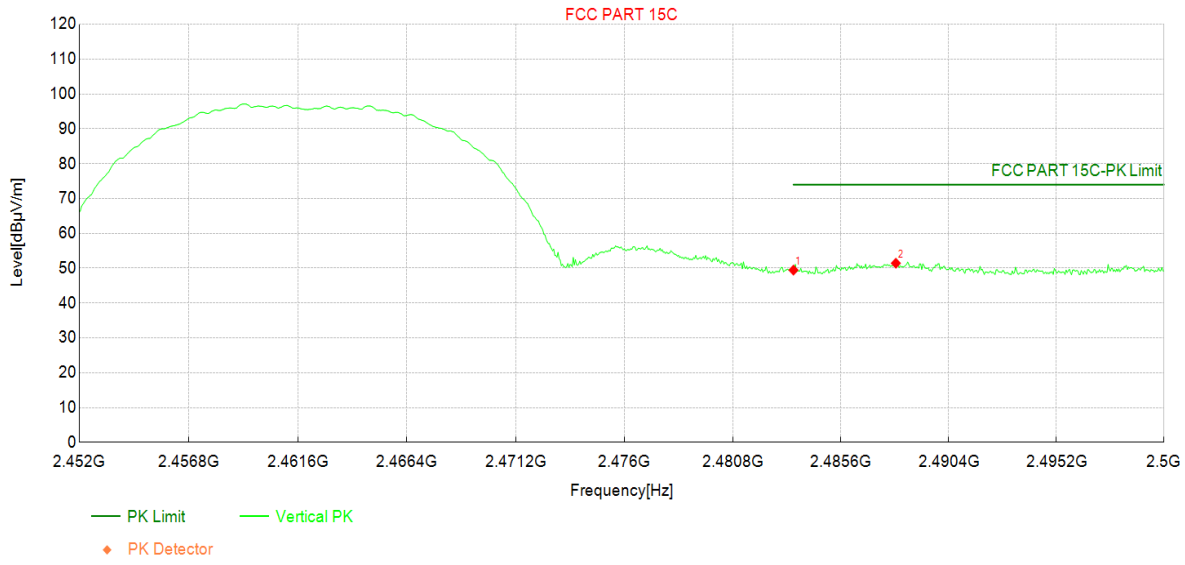
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	43.72	47.81	4.09	54.00	6.19	AV	Horizo	PASS
2	2487.76	48.39	52.51	4.12	54.00	1.49	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:	Mode1:Transmit at 2462MHz by 802.11b	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

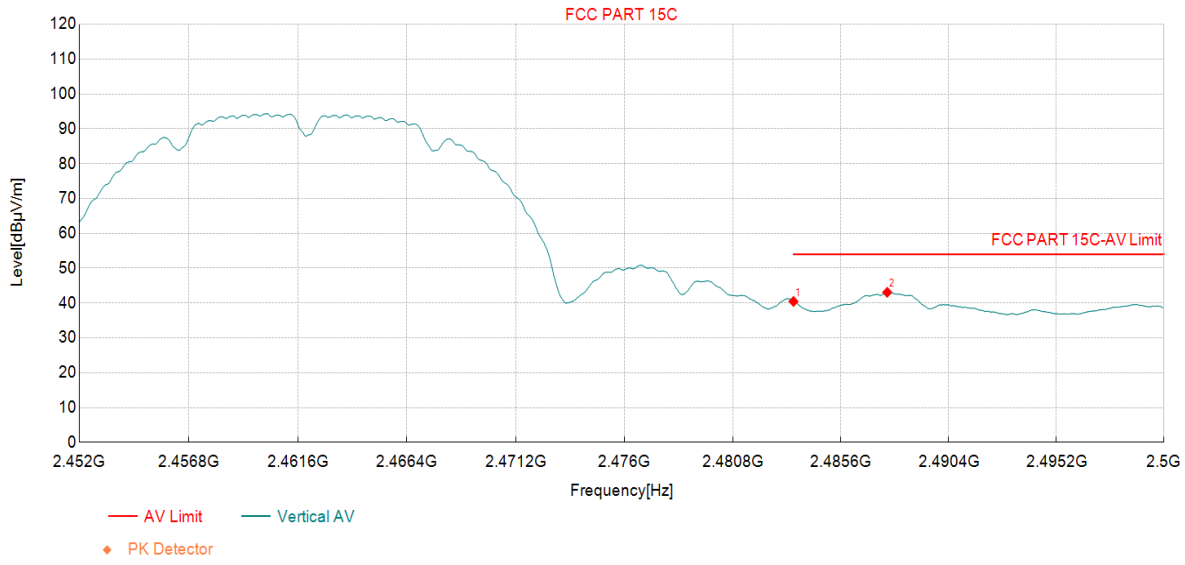


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	45.36	49.45	4.09	74.00	24.55	PK	Vertic	PASS
2	2488.05	47.30	51.42	4.12	74.00	22.58	PK	Vertic	PASS

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:	Mode1:Transmit at 2462MHz by802.11b	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



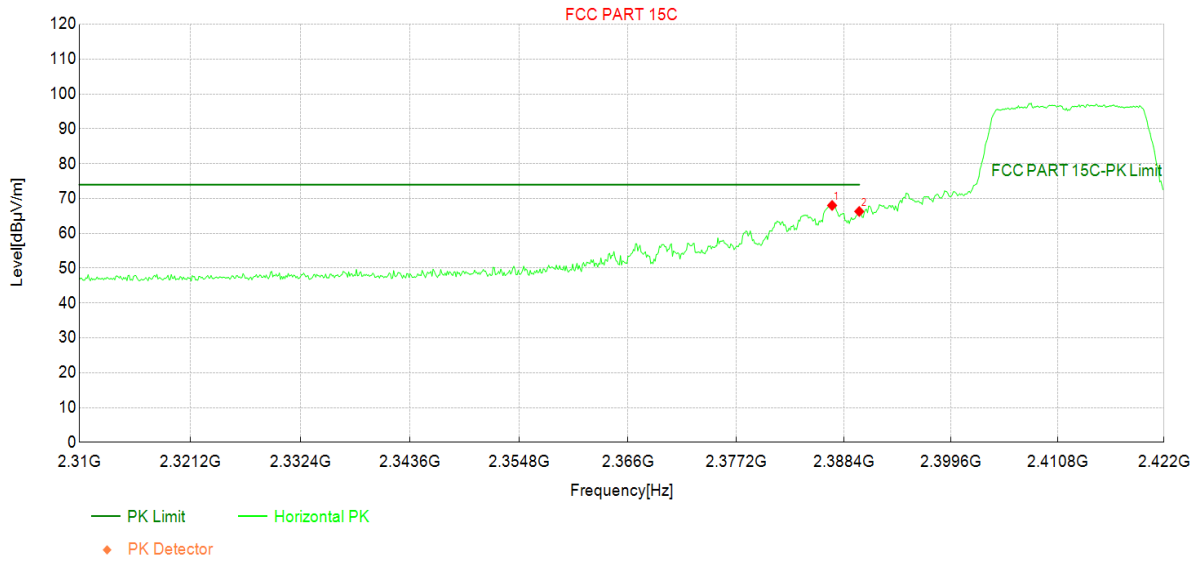
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	36.35	40.44	4.09	54.00	13.56	AV	Vertic	PASS
2	2487.66	38.95	43.07	4.12	54.00	10.93	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:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

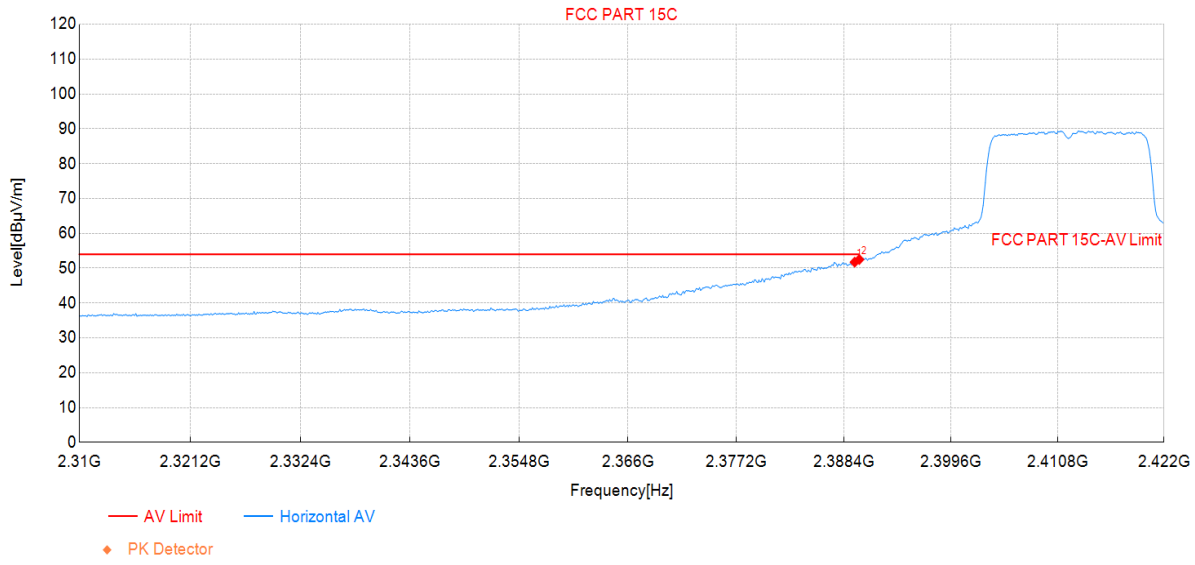


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.17	64.38	68.01	3.63	74.00	5.99	PK	Horizo	PASS
2	2390.00	62.63	66.28	3.65	74.00	7.72	PK	Horizo	PASS

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:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



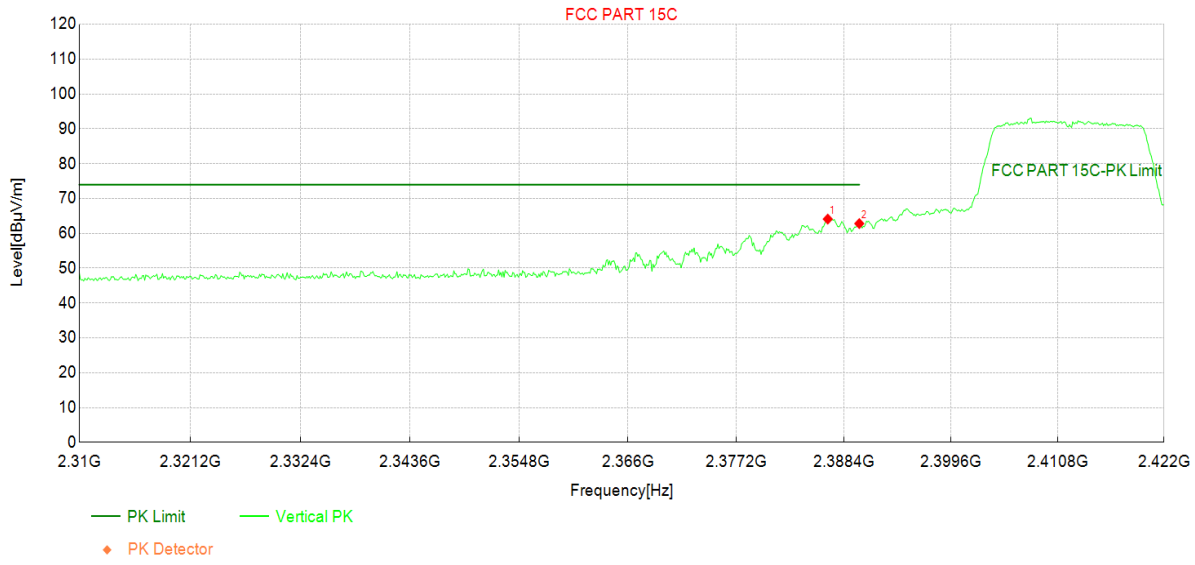
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.52	48.08	51.73	3.65	54.00	2.27	AV	Horizo	PASS
2	2390.00	48.84	52.49	3.65	54.00	1.51	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:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

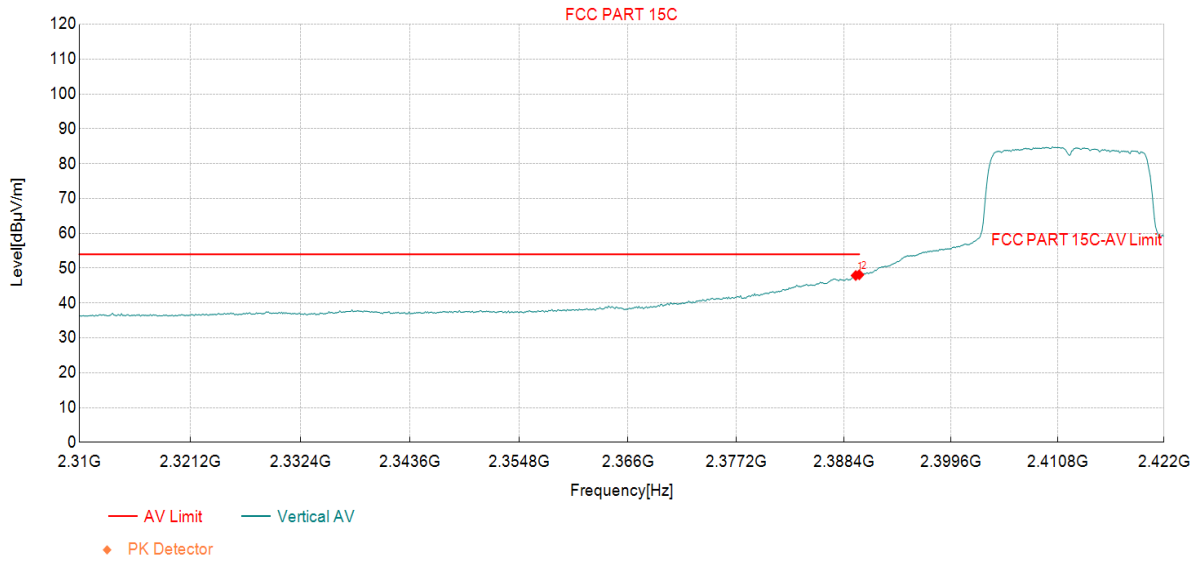


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2386.72	60.46	64.09	3.63	74.00	9.91	PK	Vertic	PASS
2	2390.00	59.15	62.80	3.65	74.00	11.20	PK	Vertic	PASS

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:	Mode2:Transmit at 2412MHz by 802.11g	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



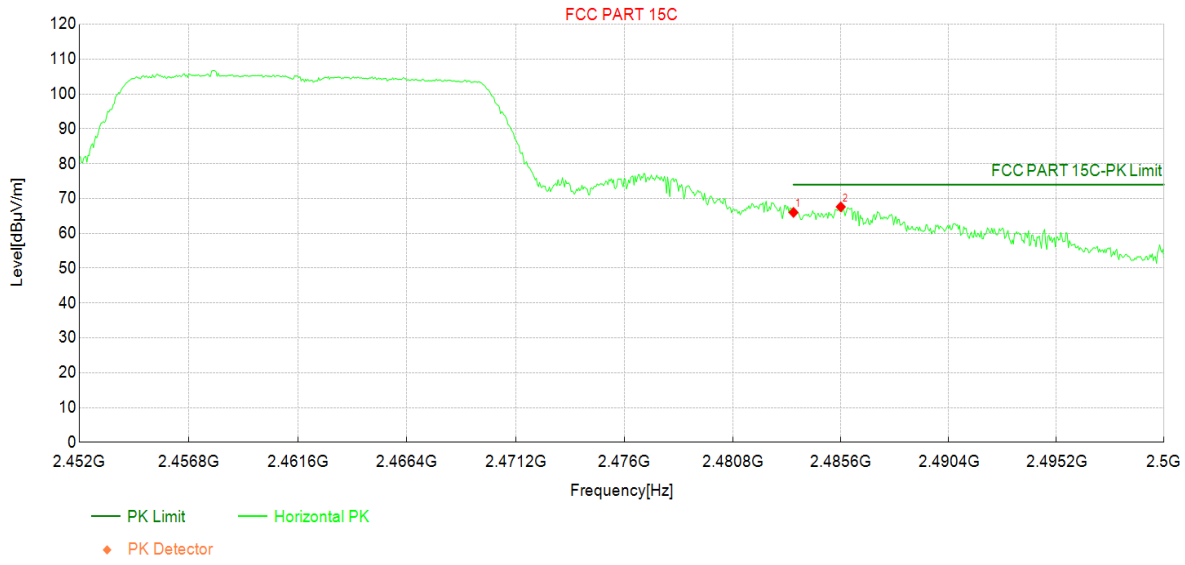
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.63	44.25	47.90	3.65	54.00	6.10	AV	Vertic	PASS
2	2390.00	44.46	48.11	3.65	54.00	5.89	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:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

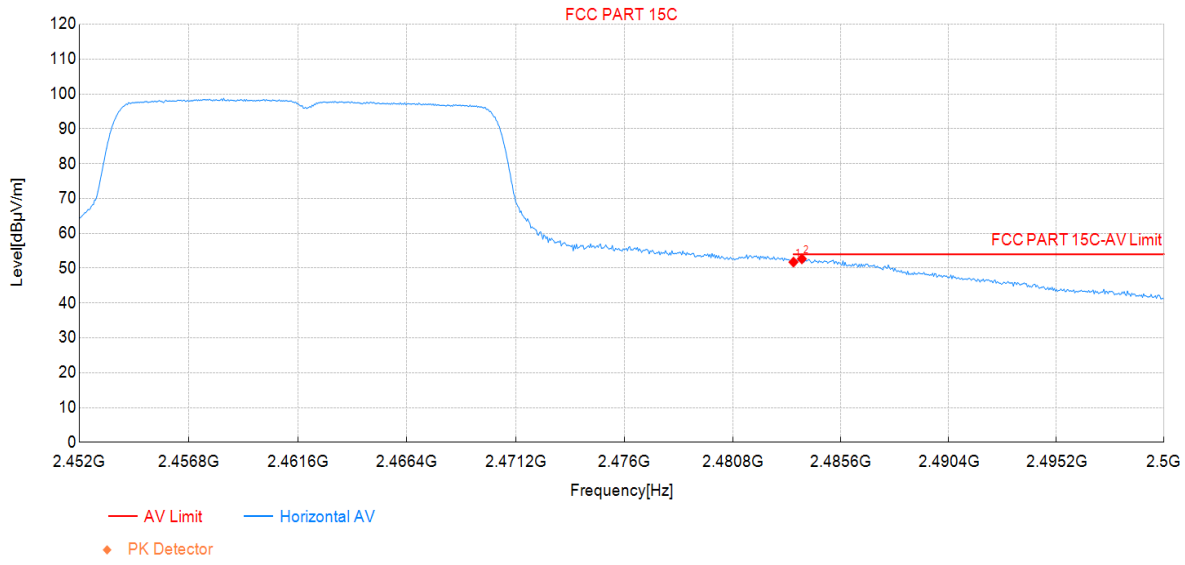


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	61.92	66.01	4.09	74.00	7.99	PK	Horizo	PASS
2	2485.60	63.48	67.59	4.11	74.00	6.41	PK	Horizo	PASS

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:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

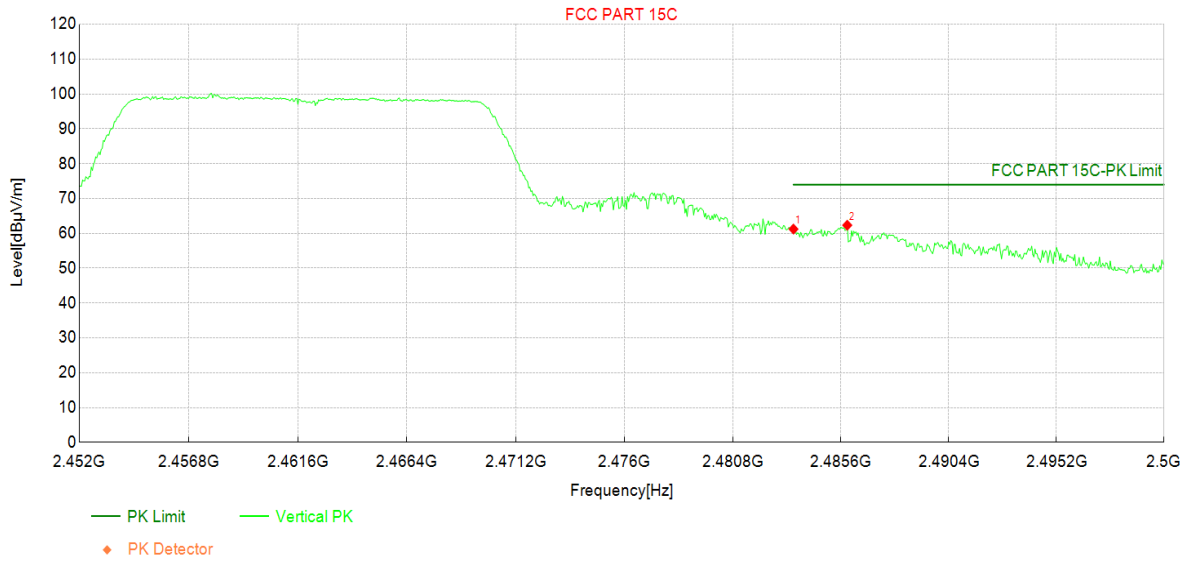


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	47.66	51.75	4.09	54.00	2.25	AV	Horizo	PASS
2	2483.87	48.58	52.67	4.09	54.00	1.33	AV	Horizo	PASS

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:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

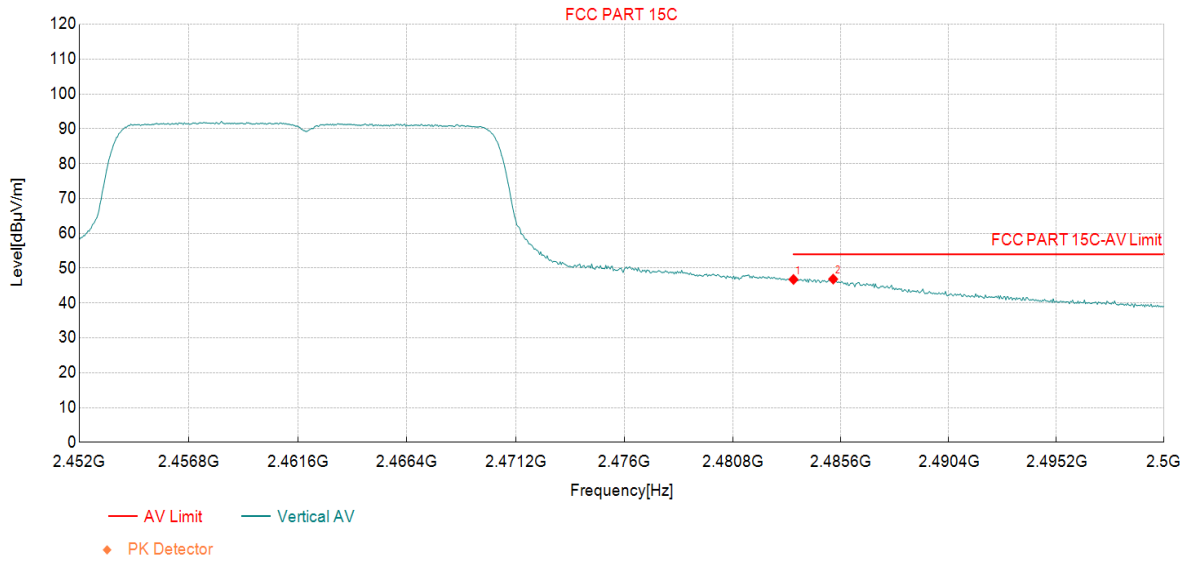


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	57.13	61.22	4.09	74.00	12.78	PK	Vertic	PASS
2	2485.89	58.22	62.33	4.11	74.00	11.67	PK	Vertic	PASS

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:	Mode2:Transmit at 2462MHz by 802.11g	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



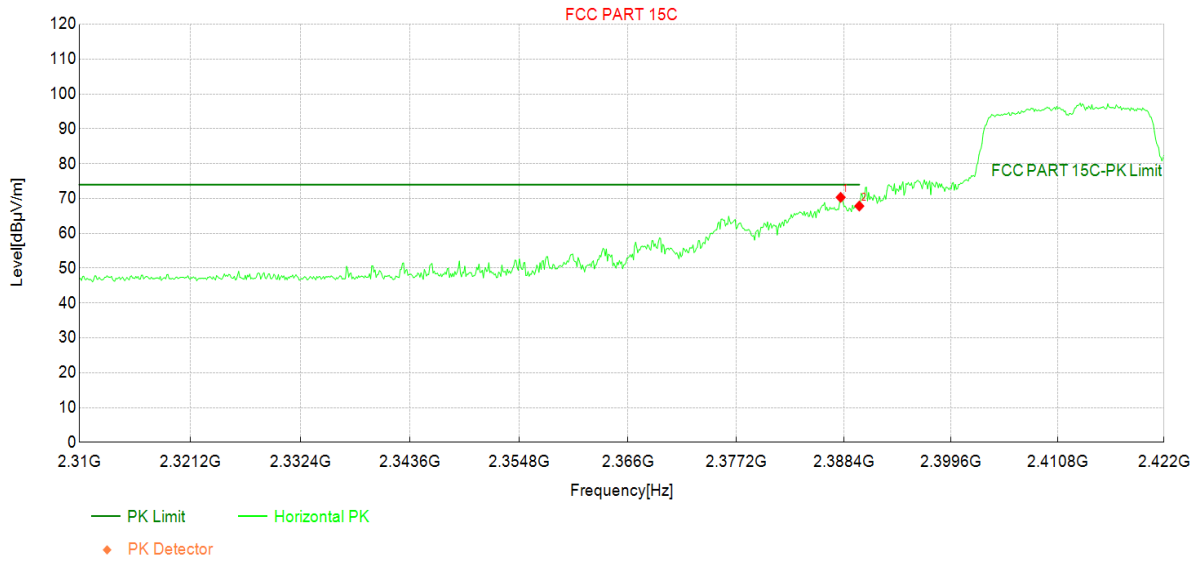
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	42.67	46.76	4.09	54.00	7.24	AV	Vertic	PASS
2	2485.26	42.76	46.87	4.11	54.00	7.13	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 2412MHz by 802.11n(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



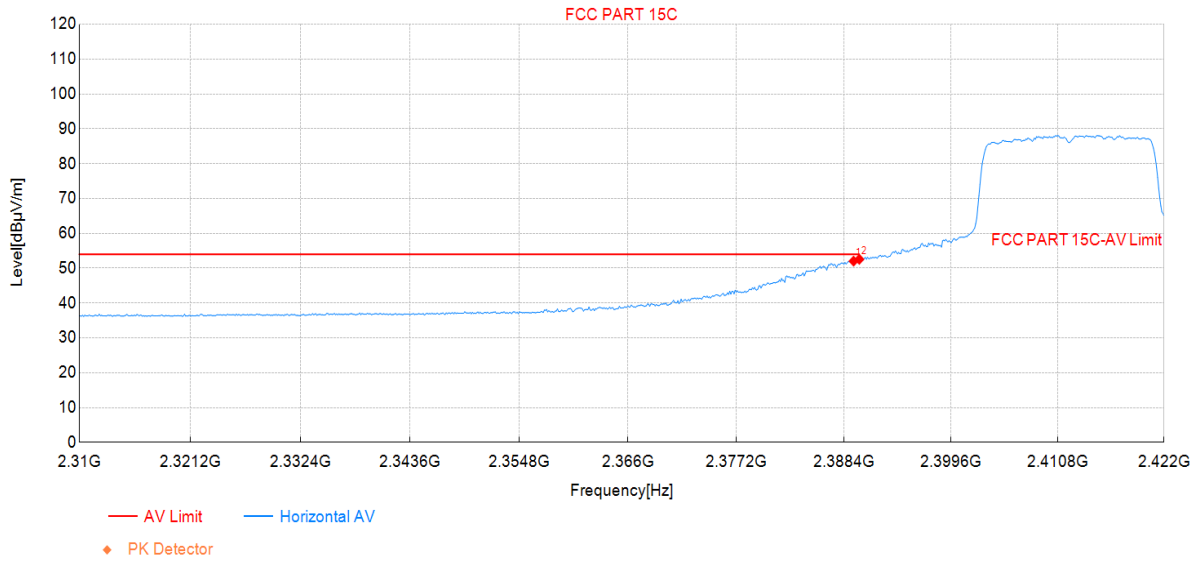
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.06	66.70	70.33	3.63	74.00	3.67	PK	Horizo	PASS
2	2390.00	64.18	67.83	3.65	74.00	6.17	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 2412MHz by 802.11n(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



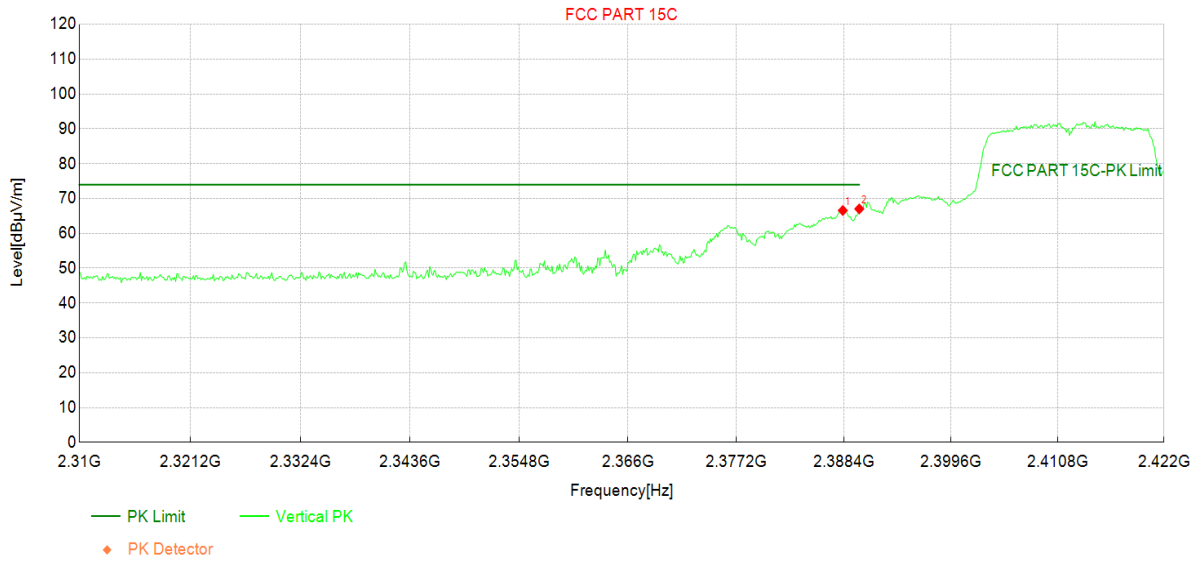
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.41	48.38	52.03	3.65	54.00	1.97	AV	Horizo	PASS
2	2390.00	48.90	52.55	3.65	54.00	1.45	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 2412MHz by 802.11n(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

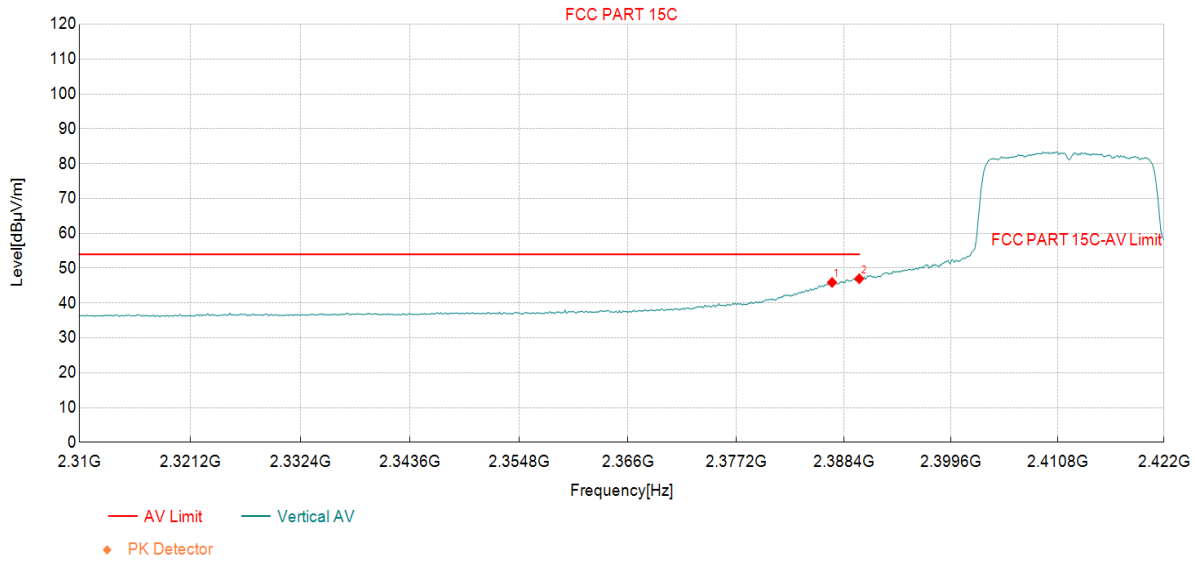


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.29	62.92	66.56	3.64	74.00	7.44	PK	Vertic	PASS
2	2390.00	63.36	67.01	3.65	74.00	6.99	PK	Vertic	PASS

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:	Mode3:Transmit at 2412MHz by 802.11n(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



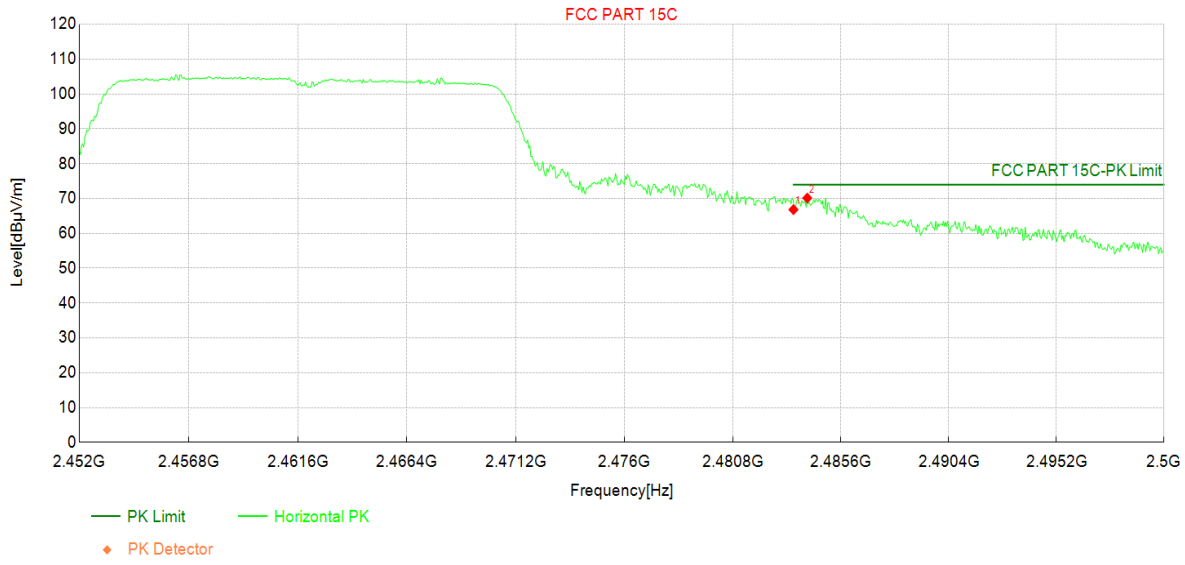
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.17	42.28	45.91	3.63	54.00	8.09	AV	Vertic	PASS
2	2390.00	43.33	46.98	3.65	54.00	7.02	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 2462MHz by 802.11n(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



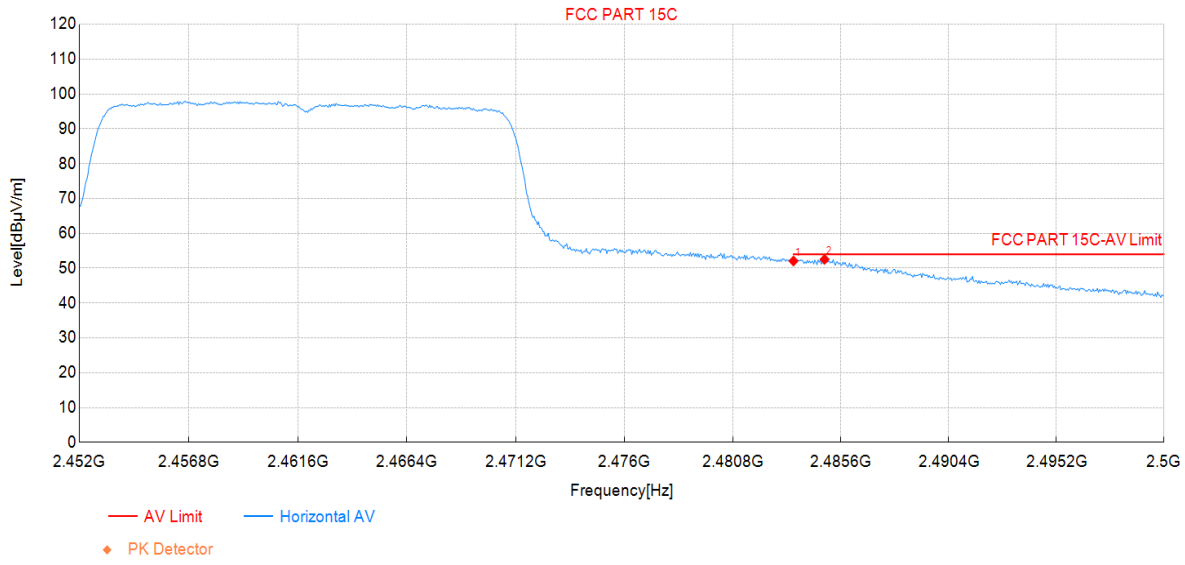
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	62.72	66.81	4.09	74.00	7.19	PK	Horizo	PASS
2	2484.11	66.01	70.12	4.11	74.00	3.88	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 2412MHz by 802.11n(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



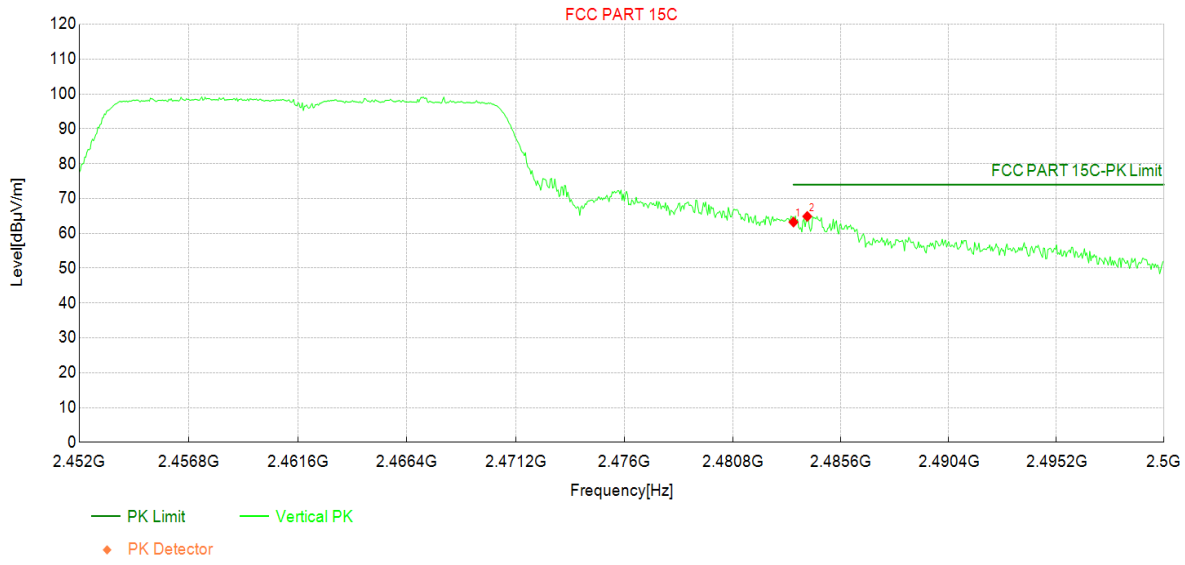
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	47.97	52.06	4.09	54.00	1.94	AV	Horizo	PASS
2	2484.88	48.42	52.53	4.11	54.00	1.47	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 2462MHz by 802.11n(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

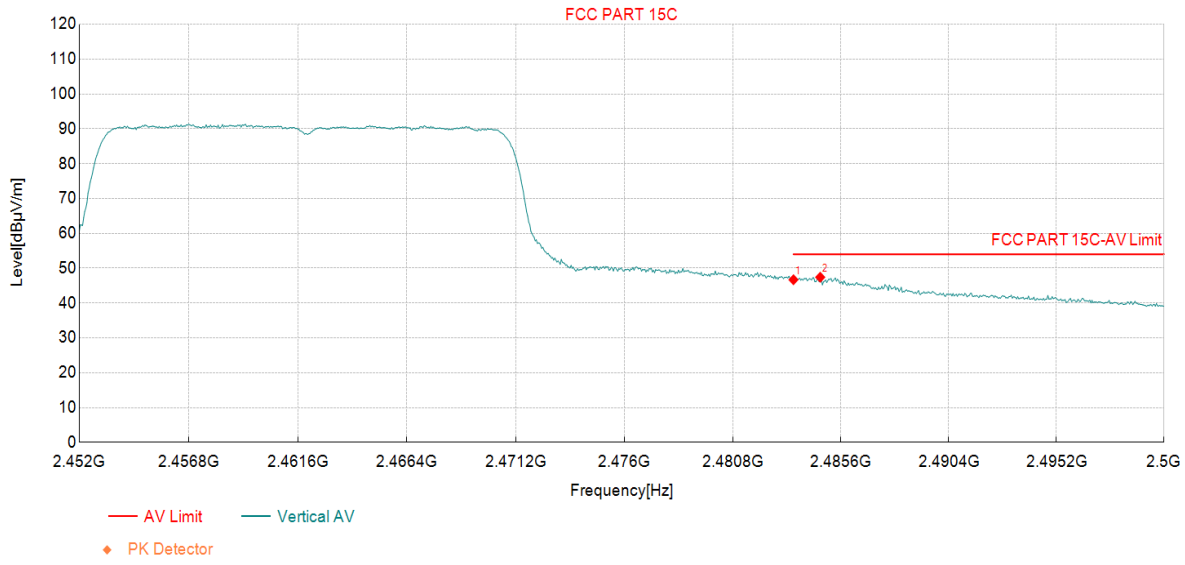


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	59.14	63.23	4.09	74.00	10.77	PK	Vertic	PASS
2	2484.11	60.75	64.86	4.11	74.00	9.14	PK	Vertic	PASS

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:	Mode3:Transmit at 2462MHz by 802.11n(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



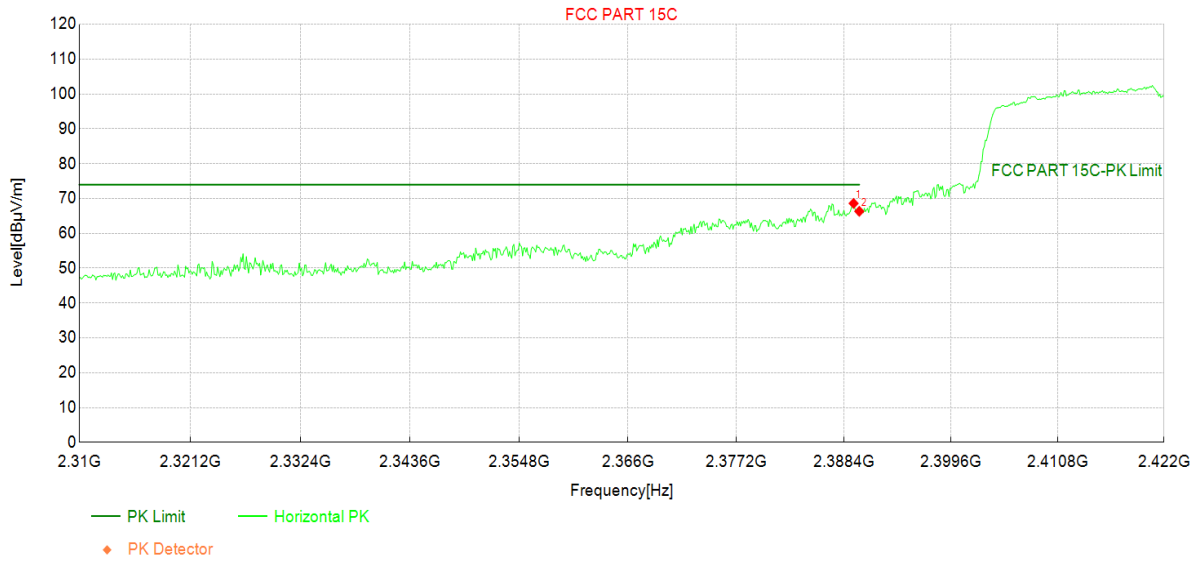
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	42.60	46.69	4.09	54.00	7.31	AV	Vertic	PASS
2	2484.69	43.29	47.40	4.11	54.00	6.60	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 2422MHz by 802.11n(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



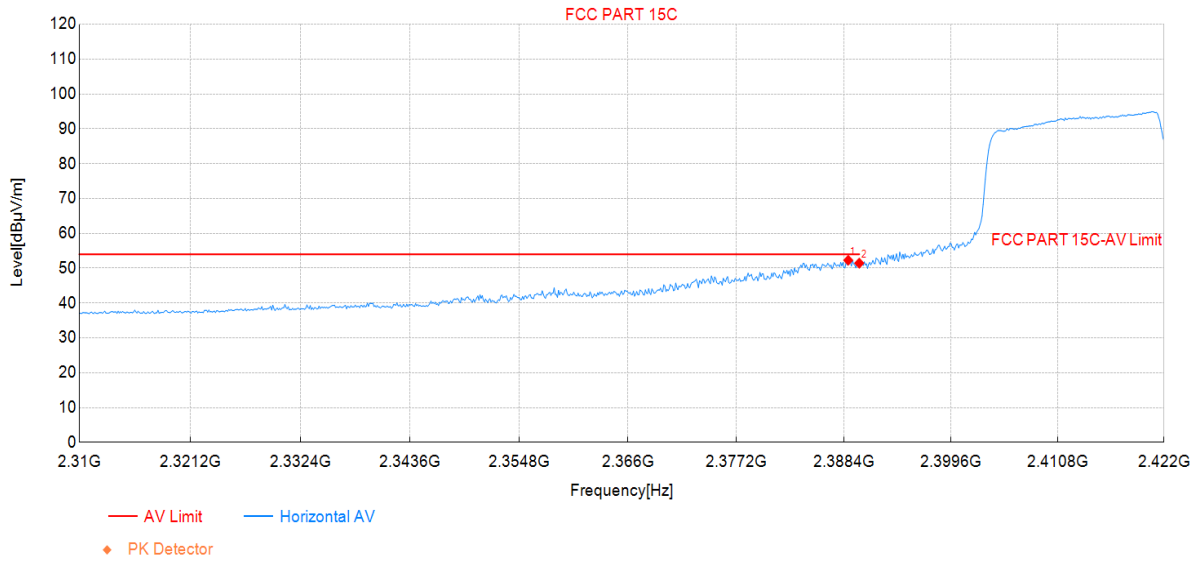
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.41	64.94	68.59	3.65	74.00	5.41	PK	Horizo	PASS
2	2390.00	62.68	66.33	3.65	74.00	7.67	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 2422MHz by 802.11n(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



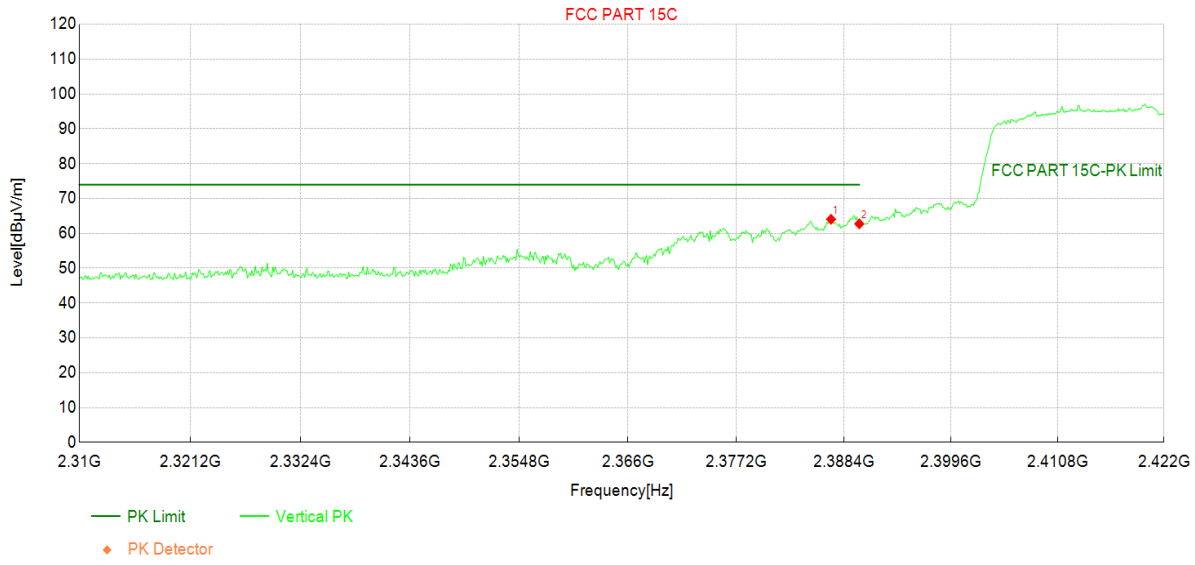
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.85	48.63	52.27	3.64	54.00	1.73	AV	Horizo	PASS
2	2390.00	47.79	51.44	3.65	54.00	2.56	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 2422MHz by 802.11n(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

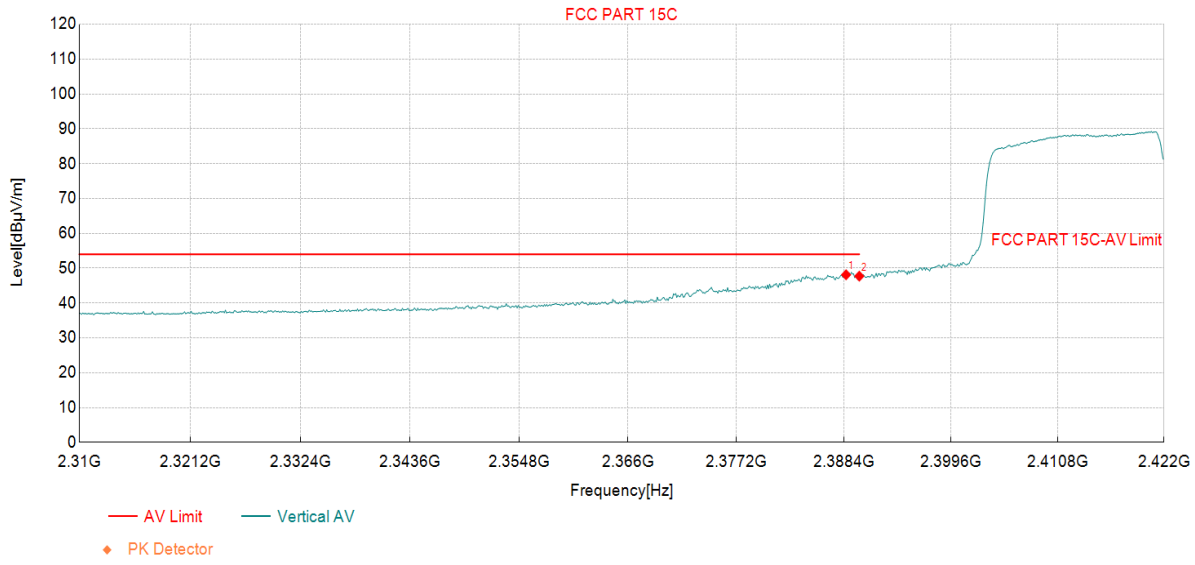


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.06	60.40	64.03	3.63	74.00	9.97	PK	Vertic	PASS
2	2390.00	59.08	62.73	3.65	74.00	11.27	PK	Vertic	PASS

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 2422MHz by 802.11n(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

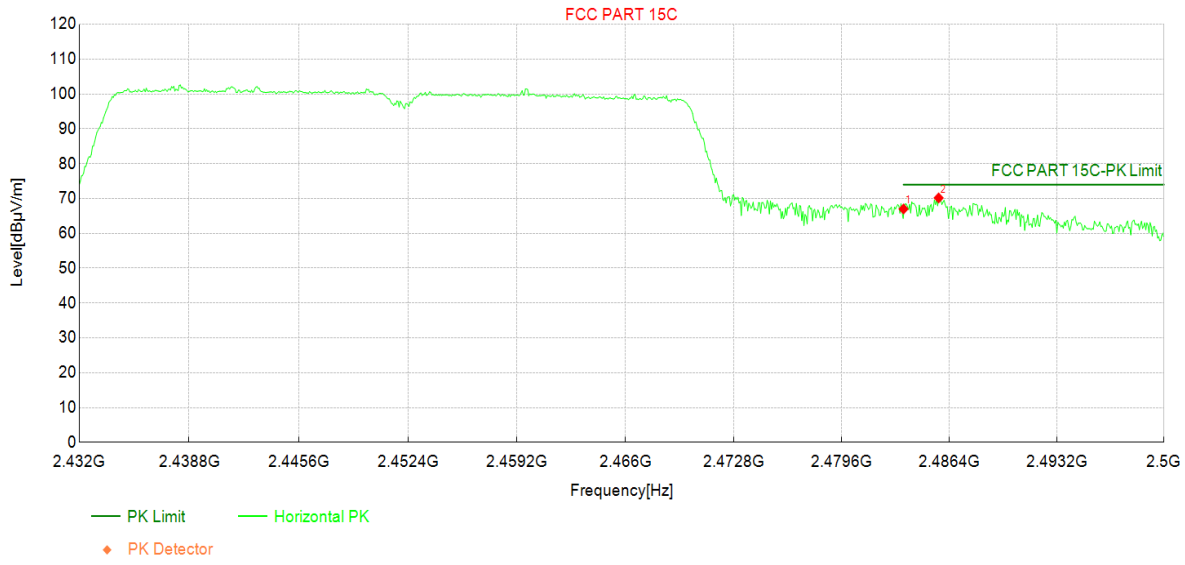


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.62	44.46	48.10	3.64	54.00	5.90	AV	Vertic	PASS
2	2390.00	44.06	47.71	3.65	54.00	6.29	AV	Vertic	PASS

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 2452MHz by 802.11n(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

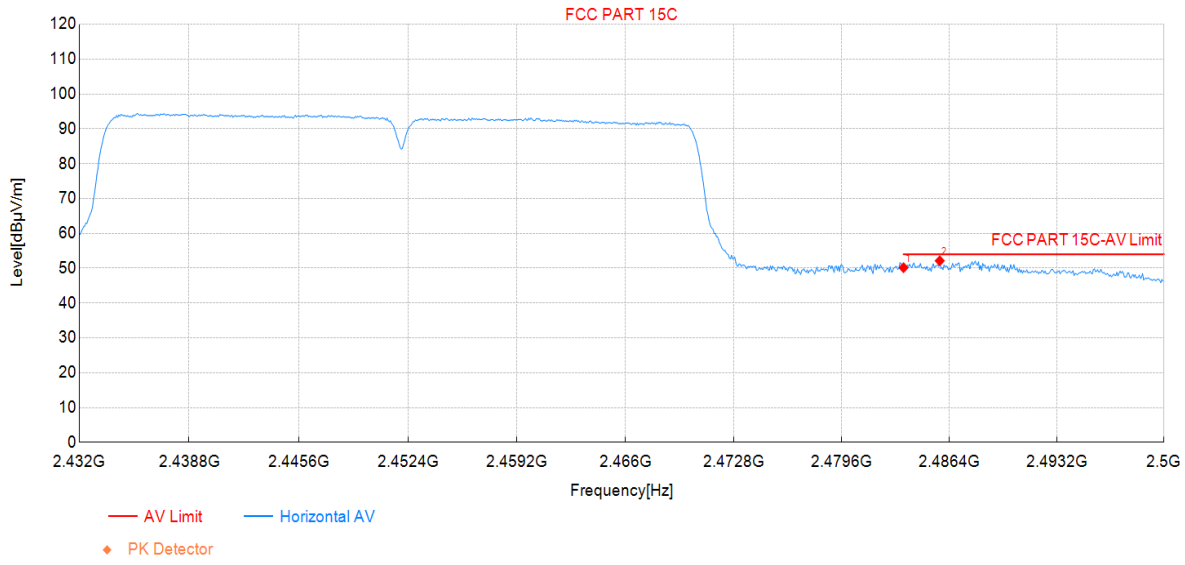


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	62.90	66.99	4.09	74.00	7.01	PK	Horizo	PASS
2	2485.72	66.06	70.17	4.11	74.00	3.83	PK	Horizo	PASS

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 2452MHz by 802.11n(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



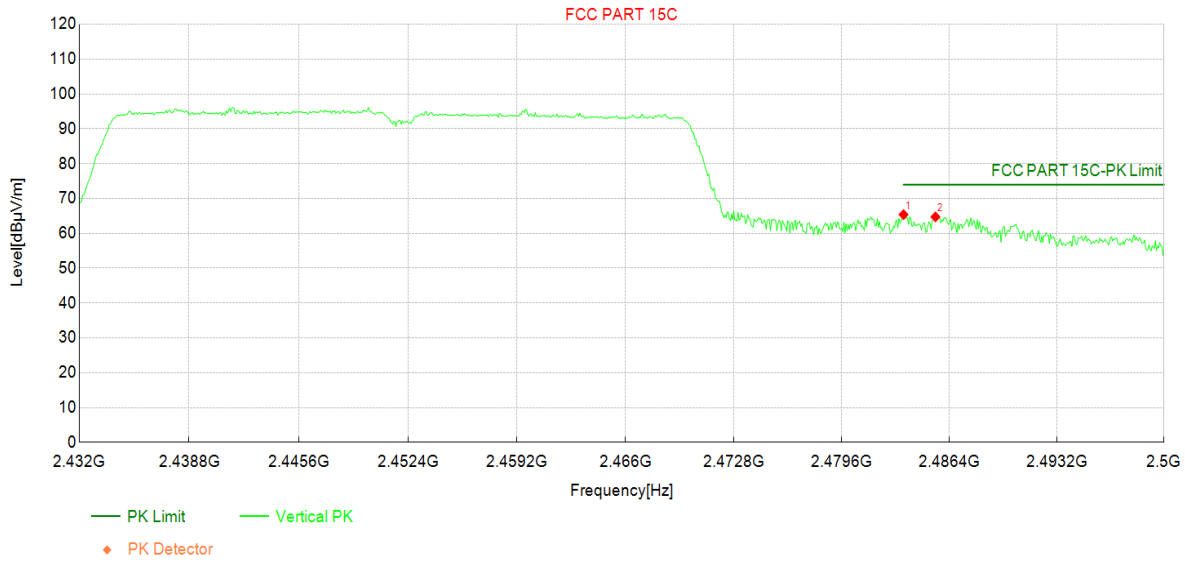
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	46.05	50.14	4.09	54.00	3.86	AV	Horizo	PASS
2	2485.79	48.01	52.12	4.11	54.00	1.88	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 2452MHz by 802.11n(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

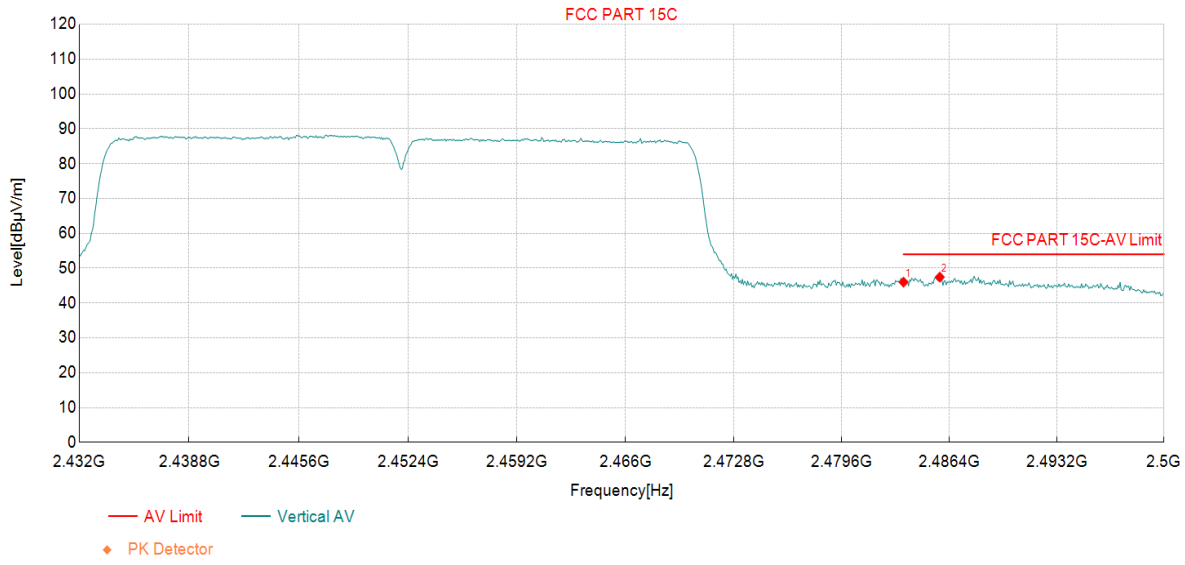


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	61.28	65.37	4.09	74.00	8.63	PK	Vertic	PASS
2	2485.52	60.61	64.72	4.11	74.00	9.28	PK	Vertic	PASS

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 2452MHz by 802.11n(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

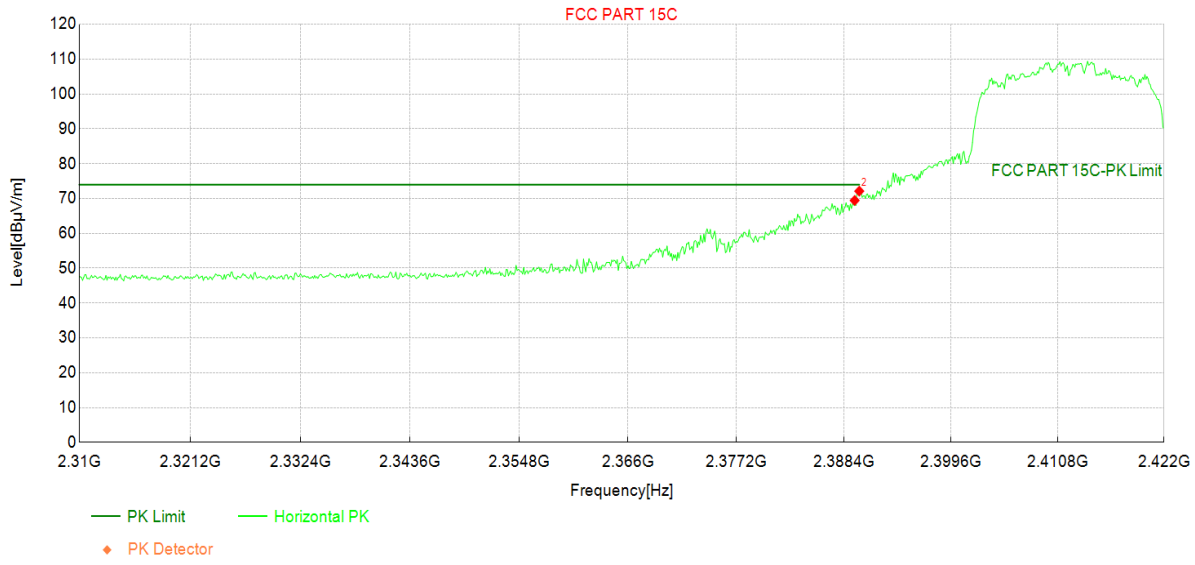


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	41.90	45.99	4.09	54.00	8.01	AV	Vertic	PASS
2	2485.79	43.32	47.43	4.11	54.00	6.57	AV	Vertic	PASS

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:	Mode5:Transmit at 2412MHz by 802.11ax(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



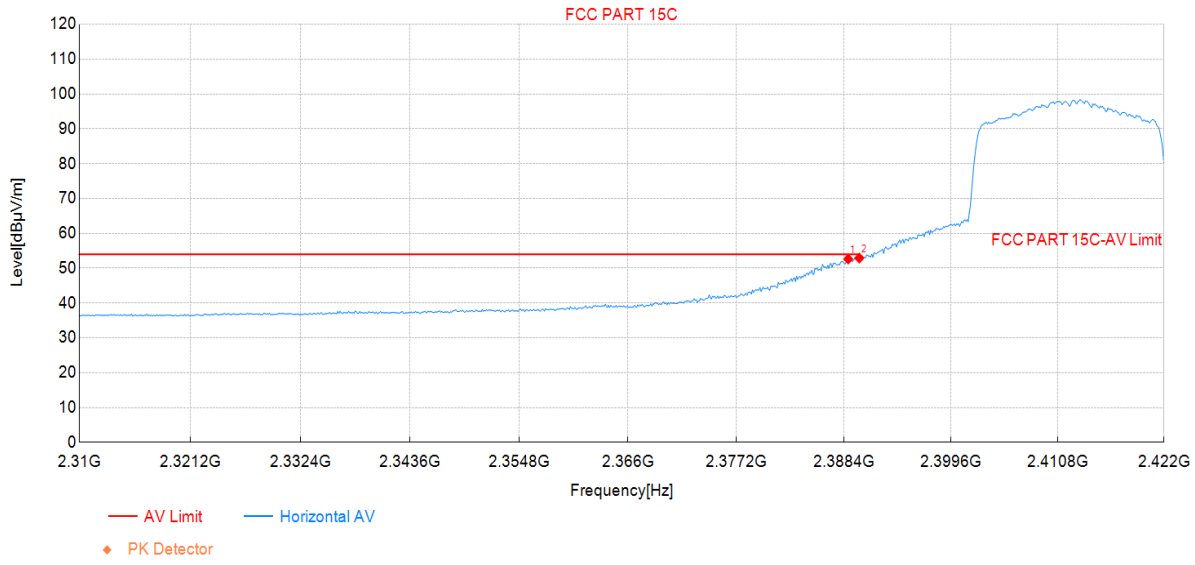
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.52	65.79	69.44	3.65	74.00	4.56	PK	Horizo	PASS
2	2390.00	68.47	72.12	3.65	74.00	1.88	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:	Mode5:Transmit at 2412MHz by 802.11ax(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



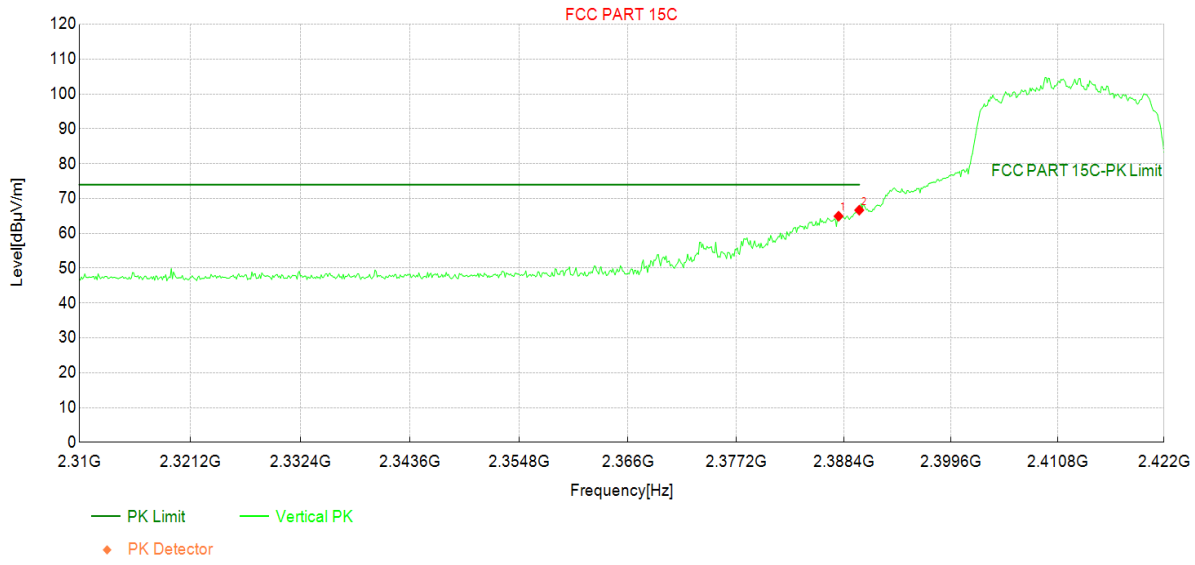
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.85	49.00	52.64	3.64	54.00	1.36	AV	Horizo	PASS
2	2390.00	49.25	52.90	3.65	54.00	1.10	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:	Mode5:Transmit at 2412MHz by 802.11ax(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

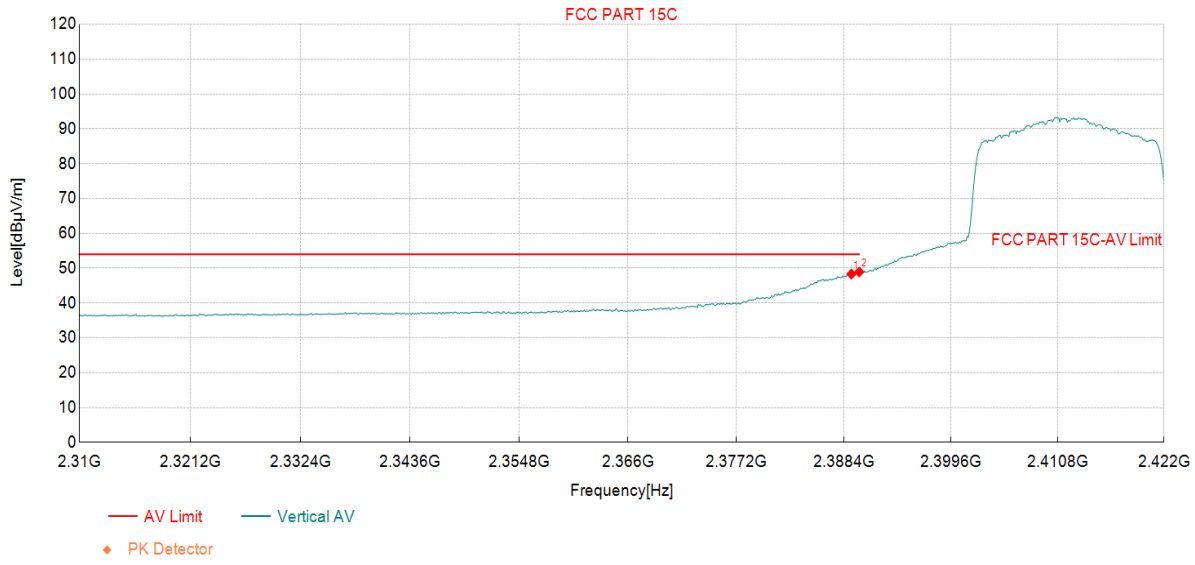


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.84	61.29	64.92	3.63	74.00	9.08	PK	Vertic	PASS
2	2390.00	63.00	66.65	3.65	74.00	7.35	PK	Vertic	PASS

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:	Mode5:Transmit at 2412MHz by 802.11ax(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

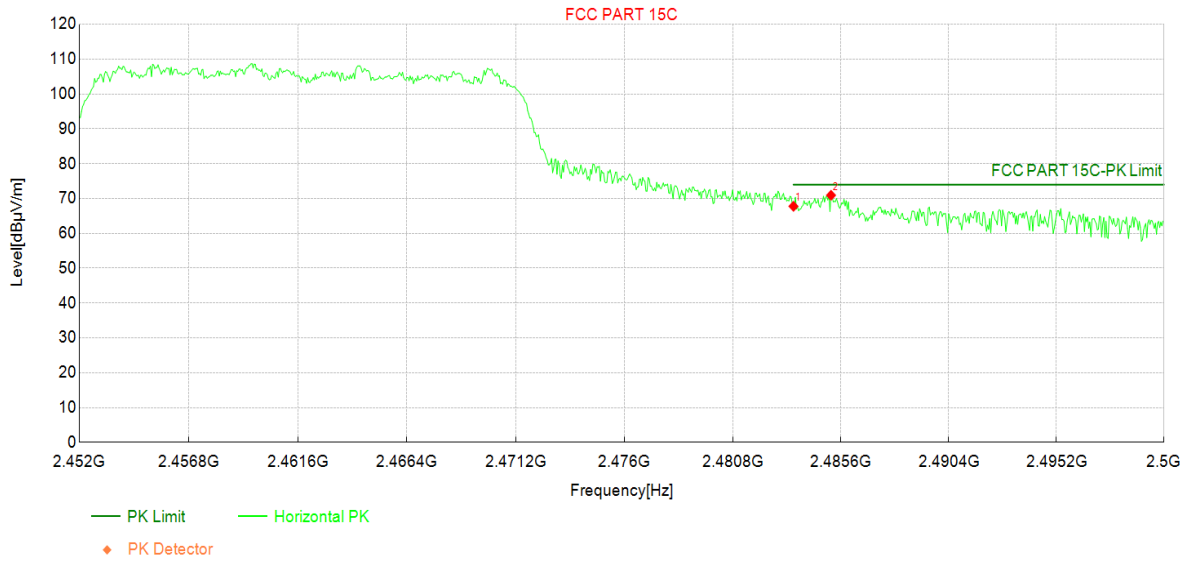


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.18	44.67	48.31	3.64	54.00	5.69	AV	Vertic	PASS
2	2390.00	45.27	48.92	3.65	54.00	5.08	AV	Vertic	PASS

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:	Mode5:Transmit at 2462MHz by 802.11ax(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



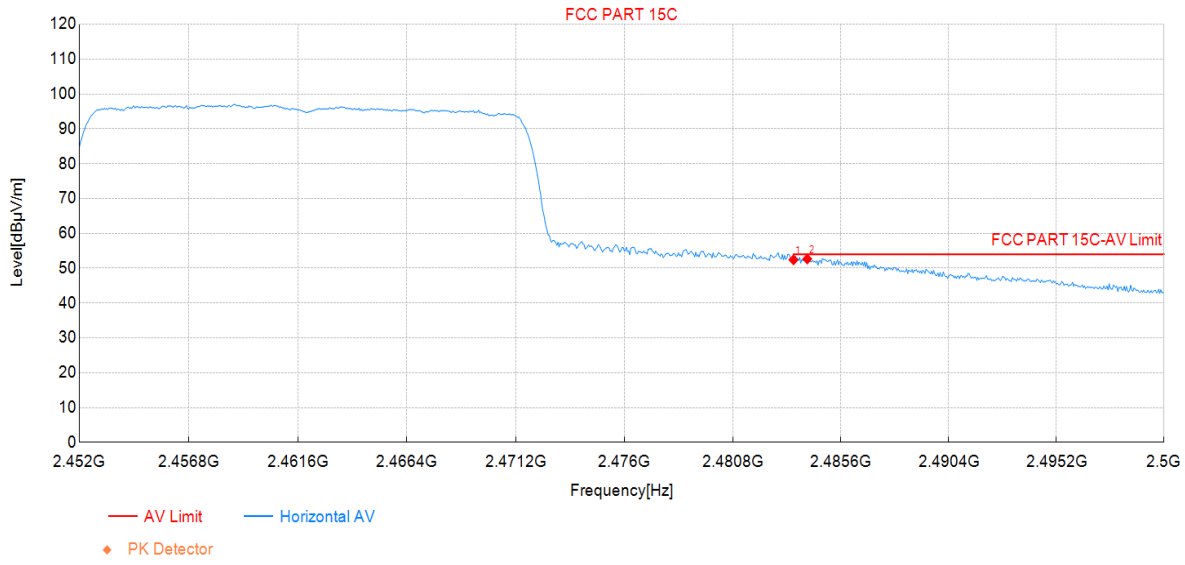
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	63.67	67.76	4.09	74.00	6.24	PK	Horizo	PASS
2	2485.17	66.82	70.93	4.11	74.00	3.07	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:	Mode5:Transmit at 2462MHz by 802.11ax(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

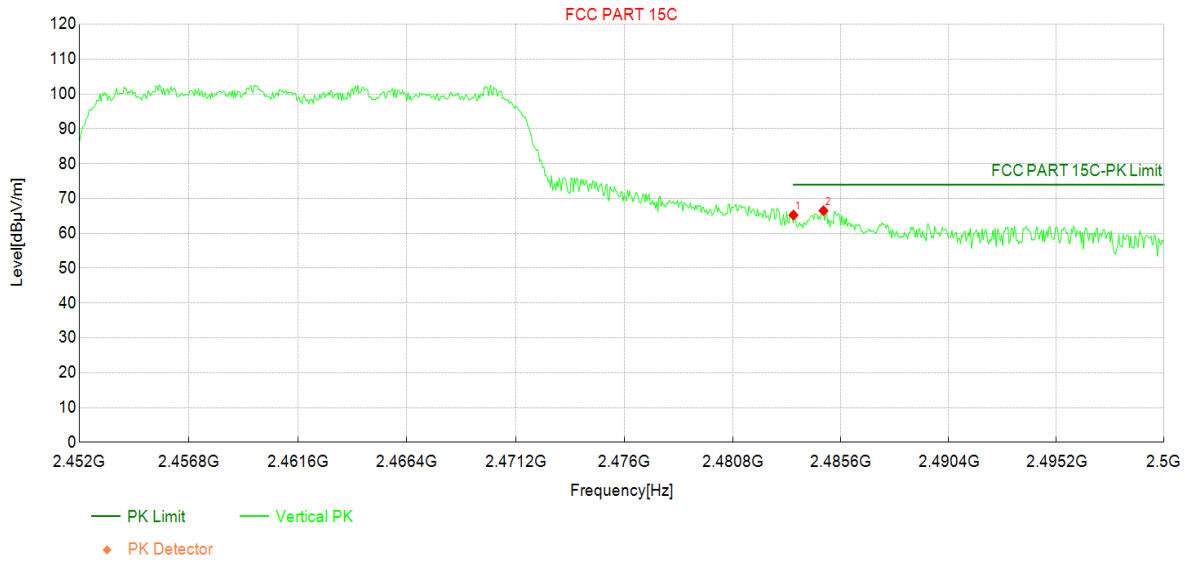


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	48.30	52.39	4.09	54.00	1.61	AV	Horizo	PASS
2	2484.11	48.52	52.63	4.11	54.00	1.37	AV	Horizo	PASS

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:	Mode5:Transmit at 2462MHz by 802.11ax(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



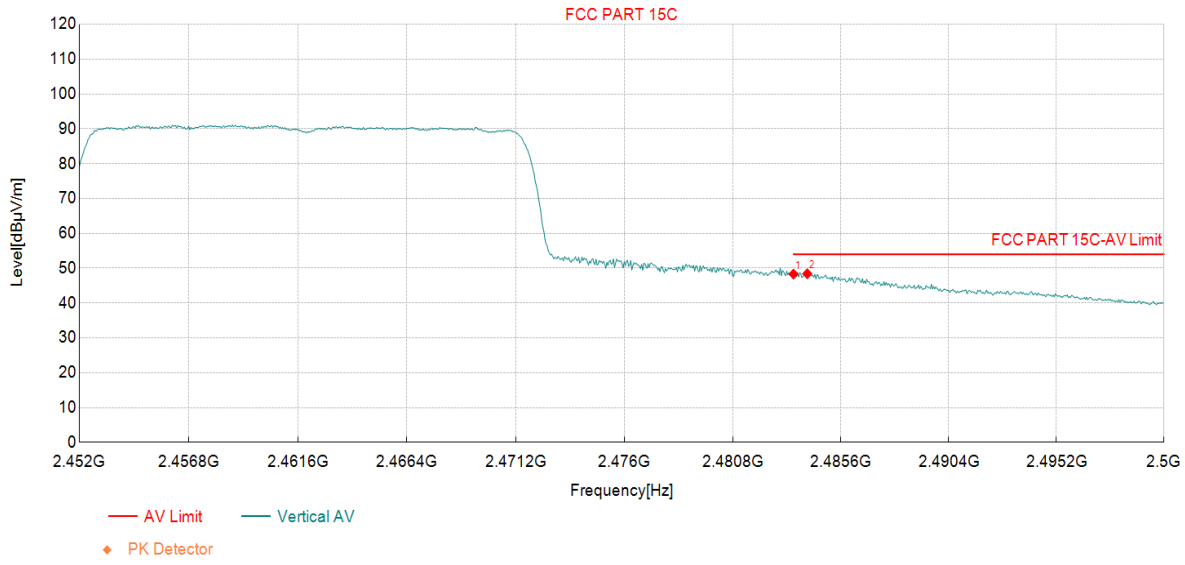
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	61.15	65.24	4.09	74.00	8.76	PK	Vertic	PASS
2	2484.83	62.39	66.50	4.11	74.00	7.50	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:	Mode5:Transmit at 2462MHz by 802.11ax(20Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

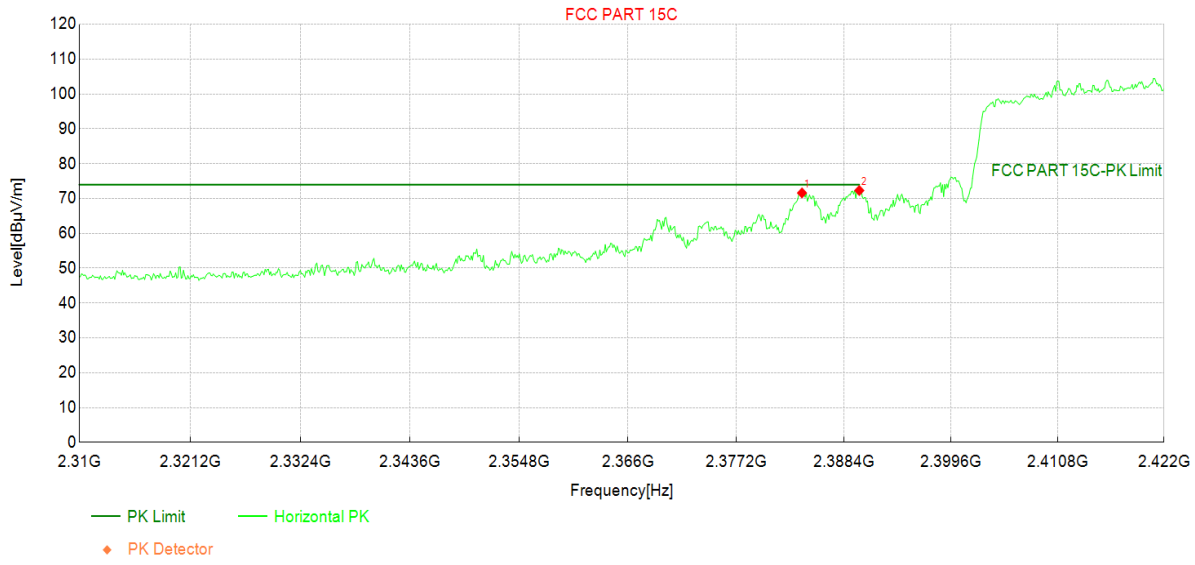


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.21	48.30	4.09	54.00	5.70	AV	Vertic	PASS
2	2484.11	44.30	48.41	4.11	54.00	5.59	AV	Vertic	PASS

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:	Mode6:Transmit at 2422MHz by 802.11ax(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



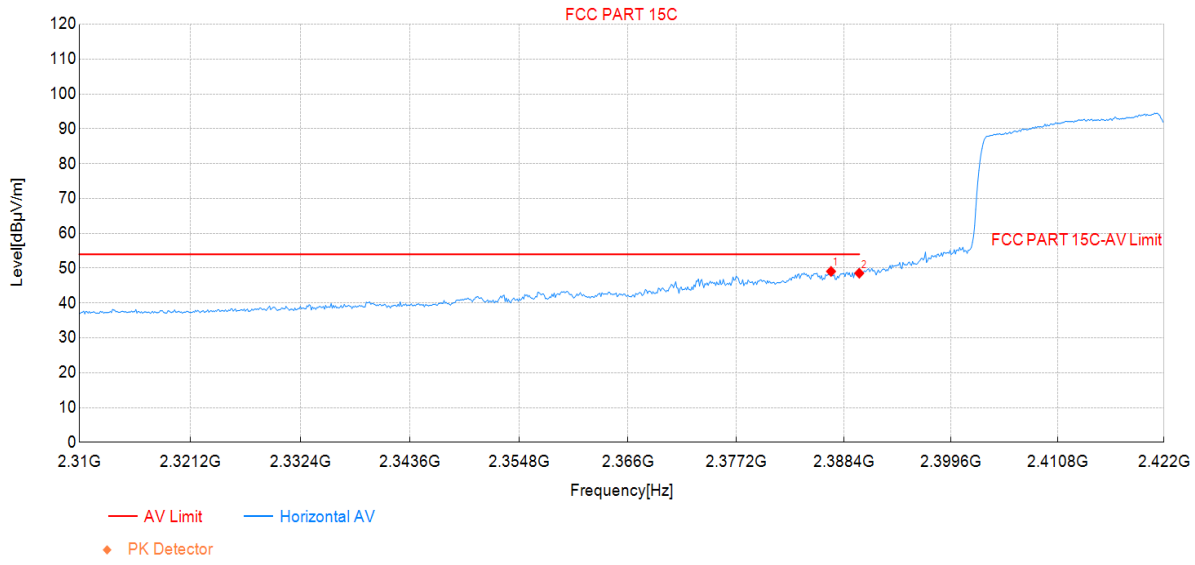
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2384.03	67.98	71.60	3.62	74.00	2.40	PK	Horizo	PASS
2	2390.00	68.64	72.29	3.65	74.00	1.71	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:	Mode6:Transmit at 2422MHz by 802.11ax(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



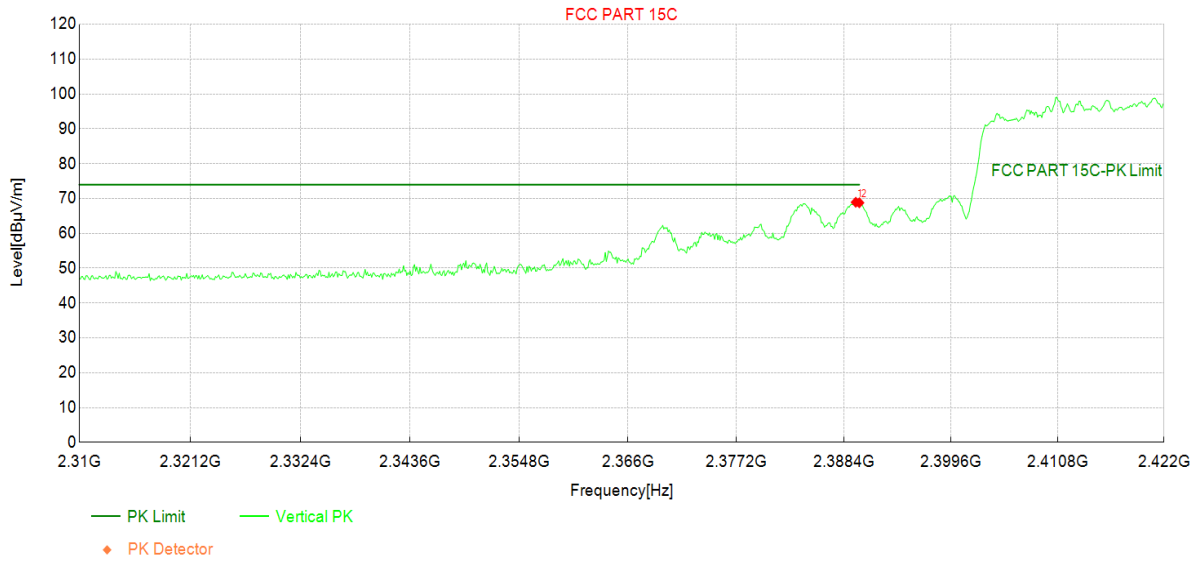
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.06	45.44	49.07	3.63	54.00	4.93	AV	Horizo	PASS
2	2390.00	44.90	48.55	3.65	54.00	5.45	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:	Mode6:Transmit at 2422MHz by 802.11ax(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

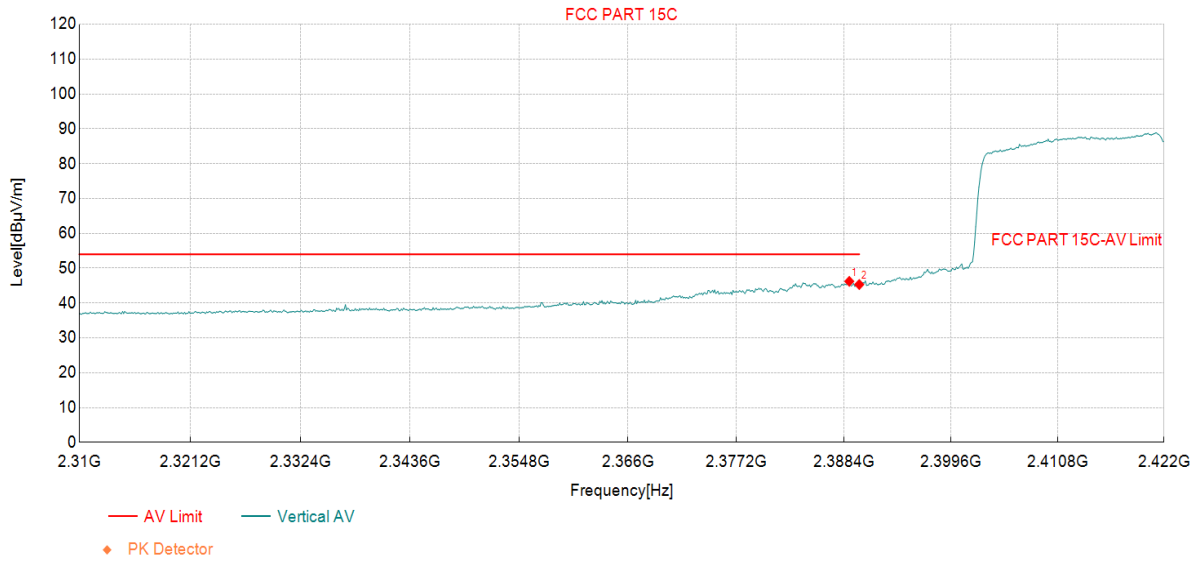


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.63	65.27	68.92	3.65	74.00	5.08	PK	Vertic	PASS
2	2390.00	65.12	68.77	3.65	74.00	5.23	PK	Vertic	PASS

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:	Mode6:Transmit at 2422MHz by 802.11ax(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

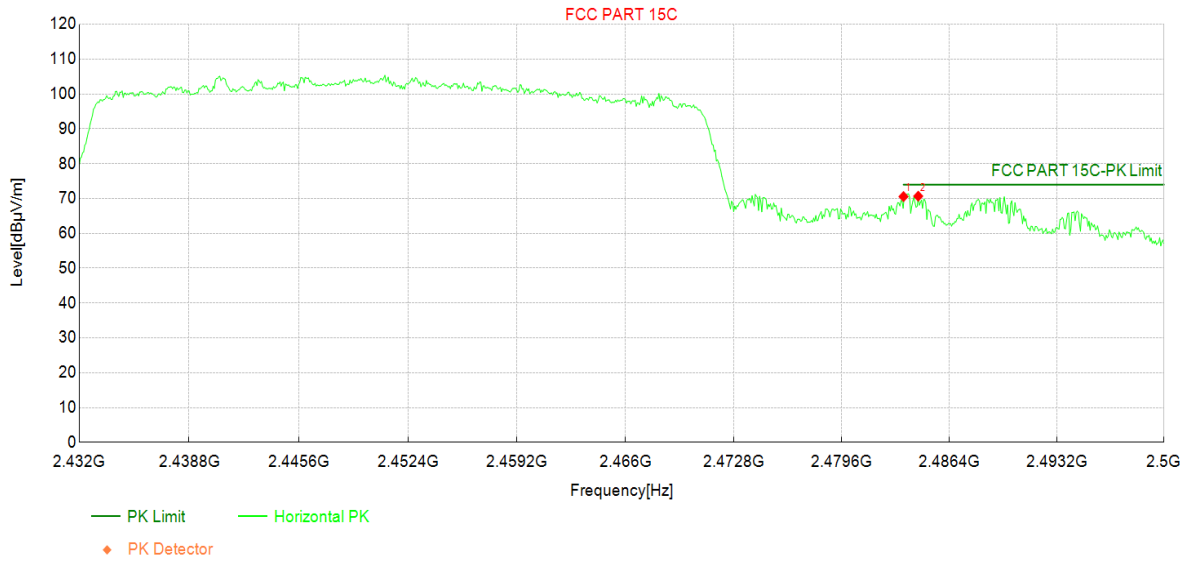


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.96	42.58	46.22	3.64	54.00	7.78	AV	Vertic	PASS
2	2390.00	41.66	45.31	3.65	54.00	8.69	AV	Vertic	PASS

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:	Mode6:Transmit at 2422MHz by 802.11ax(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



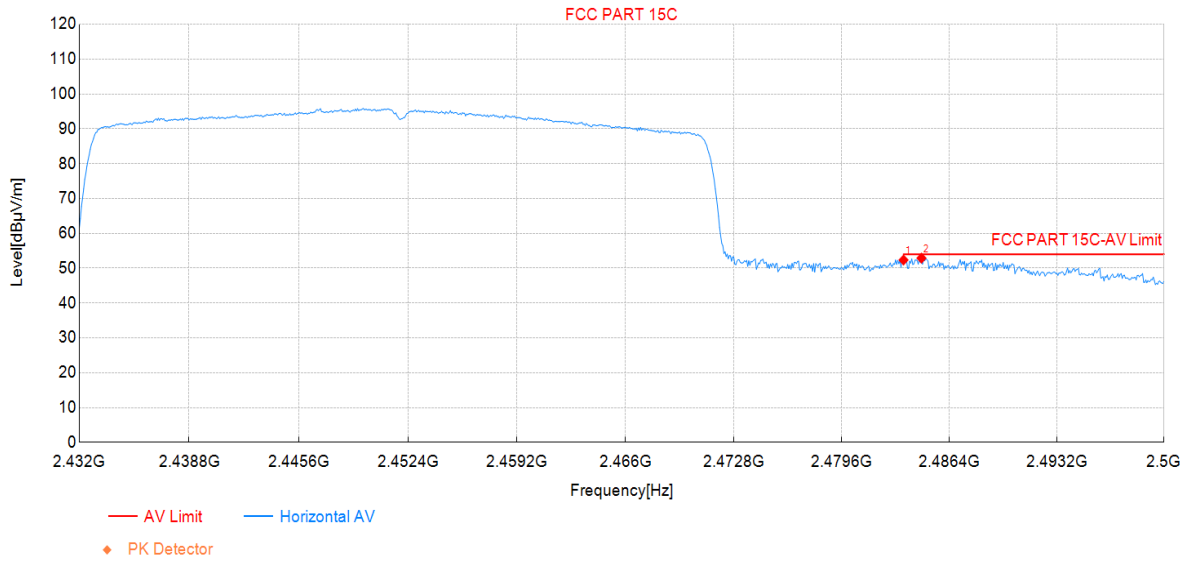
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	66.46	70.55	4.09	74.00	3.45	PK	Horizo	PASS
2	2484.43	66.56	70.67	4.11	74.00	3.33	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:	Mode6:Transmit at 2422MHz by 802.11ax(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



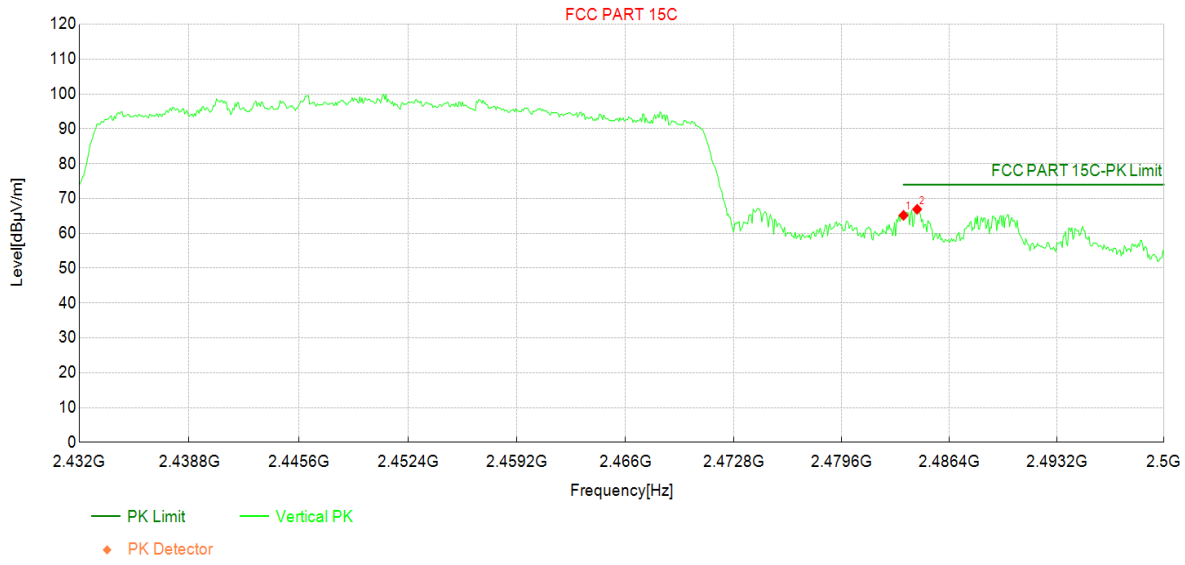
Suspected Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	48.25	52.34	4.09	54.00	1.66	AV	Horizo	PASS
2	2484.63	48.77	52.88	4.11	54.00	1.12	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:	Mode6:Transmit at 2422MHz by 802.11ax(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph

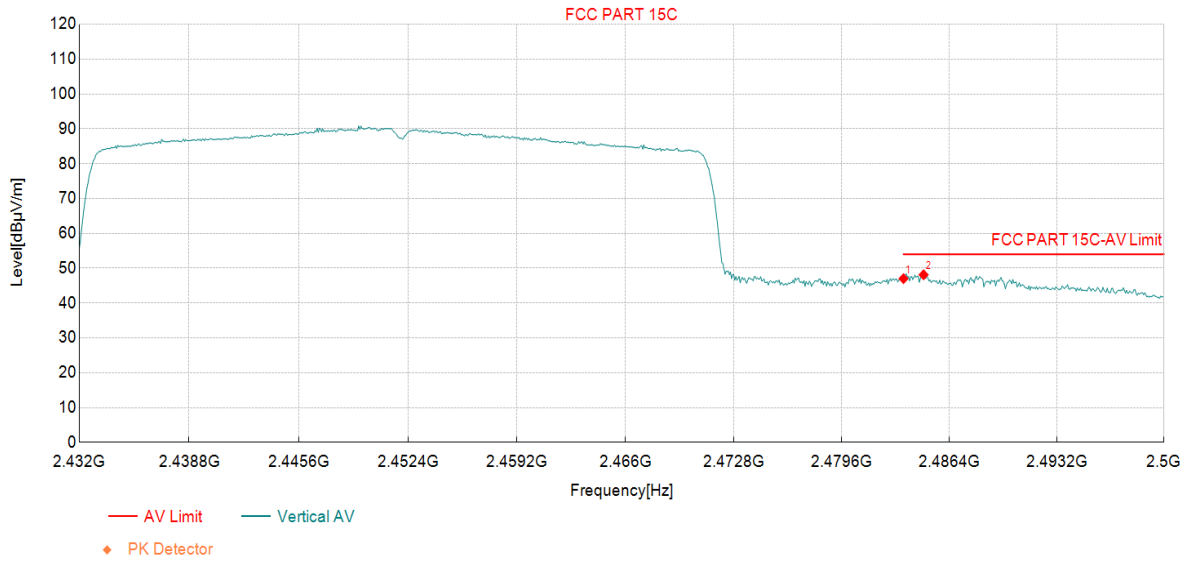


Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	61.08	65.17	4.09	74.00	8.83	PK	Vertic	PASS
2	2484.36	62.80	66.91	4.11	74.00	7.09	PK	Vertic	PASS

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:	Mode6:Transmit at 2422MHz by 802.11ax(40Mhz)	Voltage:	120Vac/60Hz
Environment:	Temp: 25℃; Humi:60%	Enginee	Yu Liu
Test Standard:	FCC PART 15C		

Test Graph



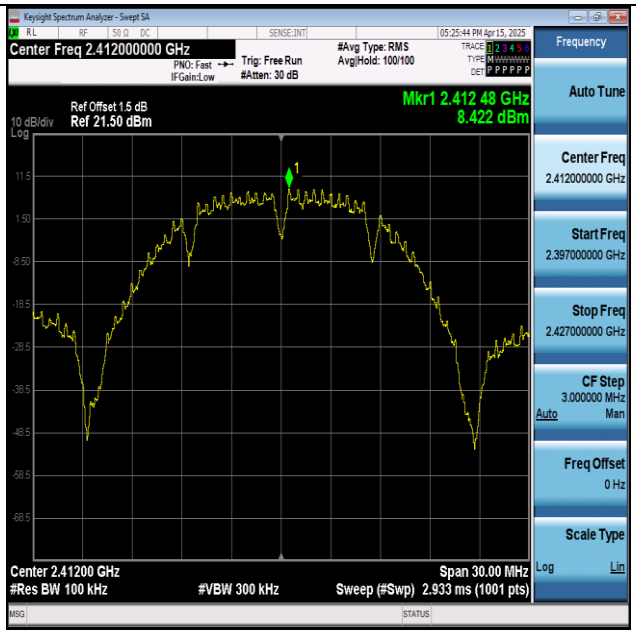
Suspected Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	42.91	47.00	4.09	54.00	7.00	AV	Vertic	PASS
2	2484.77	43.99	48.10	4.11	54.00	5.90	AV	Vertic	PASS

Note:
1.Level=Reading+Factor .
2. Margin=Limit-Level.
3. We have evaluated SISO, MIMO mode, shown in the report is the worst data.

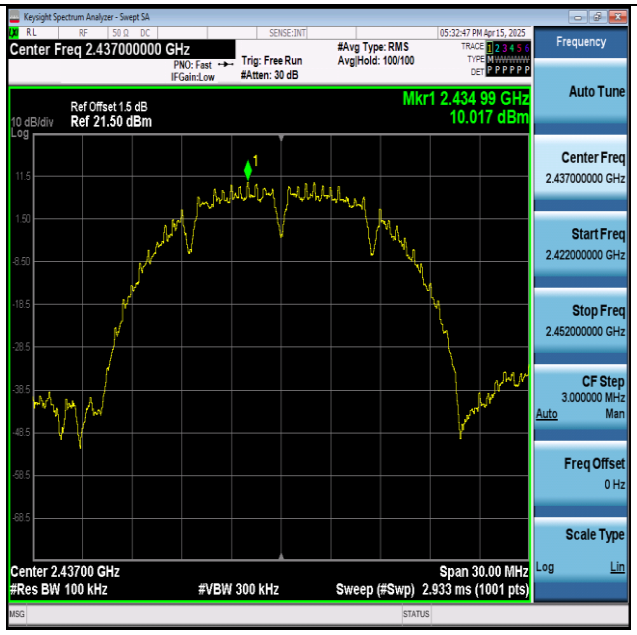
Appendix F: Conducted Spurious Emission

Reference level measurement:

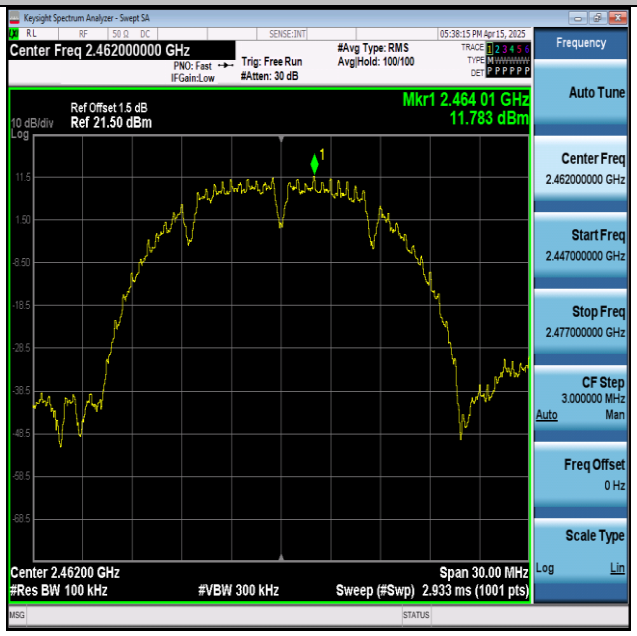
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.48	8.42
11B	Ant1	2437	2434.99	10.02
11B	Ant1	2462	2464.01	11.78
11G	Ant1	2412	2414.52	8.21
11G	Ant1	2437	2441.98	8.39
11G	Ant1	2462	2463.23	7.01
11N20SISO	Ant1	2412	2415.75	8.60
11N20SISO	Ant1	2437	2435.74	8.52
11N20SISO	Ant1	2462	2459.51	8.14
11N40SISO	Ant1	2422	2418.28	6.73
11N40SISO	Ant1	2437	2440.72	5.37
11N40SISO	Ant1	2452	2463.22	2.96
11AX20SISO	Ant1	2412	2416.98	8.22
11AX20SISO	Ant1	2437	2434.51	7.99
11AX20SISO	Ant1	2462	2457.02	7.76
11AX40SISO	Ant1	2422	2424.52	6.87
11AX40SISO	Ant1	2437	2428.30	5.49
11AX40SISO	Ant1	2452	2444.50	2.88
Note:We have evaluated SISO, MIMO mode, shown in the report is the worst data.				



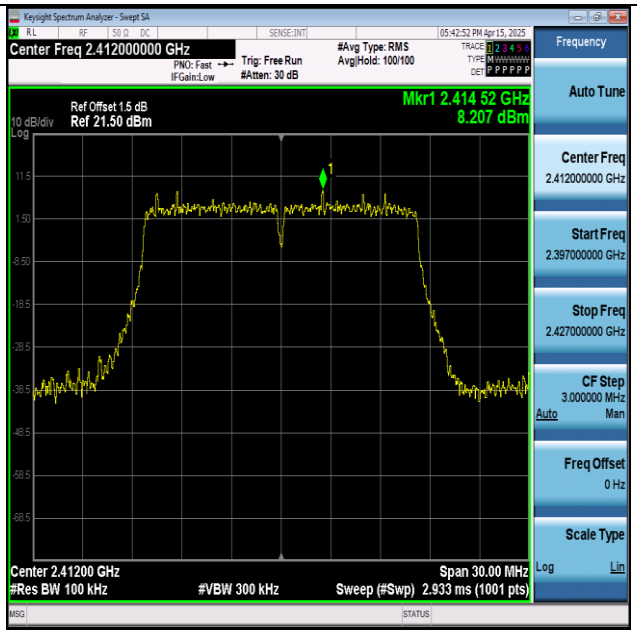
11B-Ant1-2412-PASS



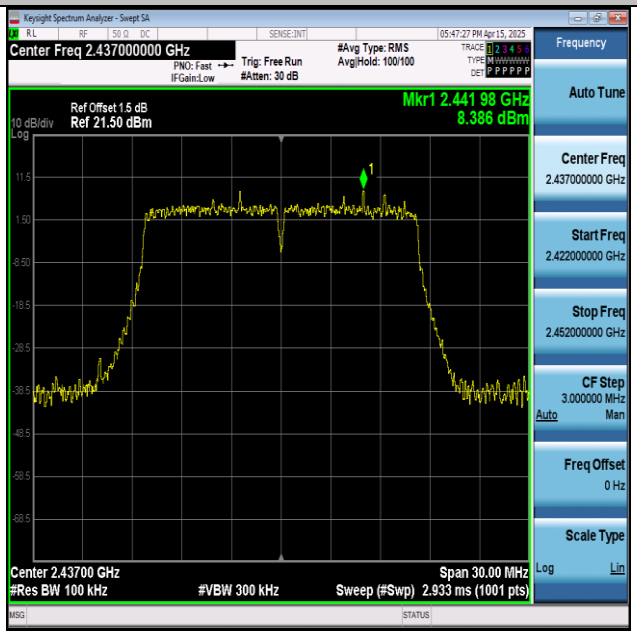
11B-Ant1-2437-PASS



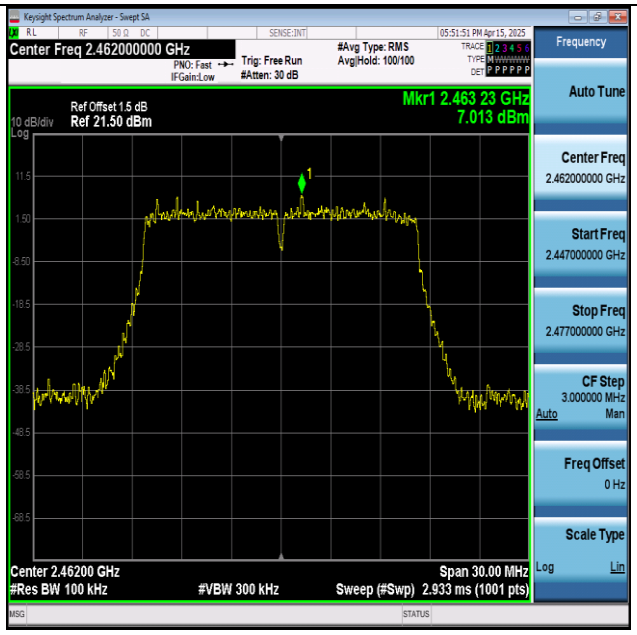
11B-Ant1-2462-PASS



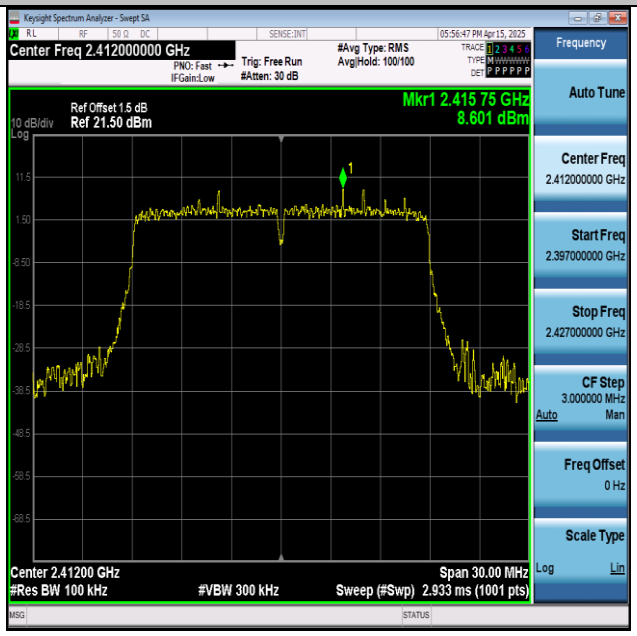
11G-Ant1-2412-PASS



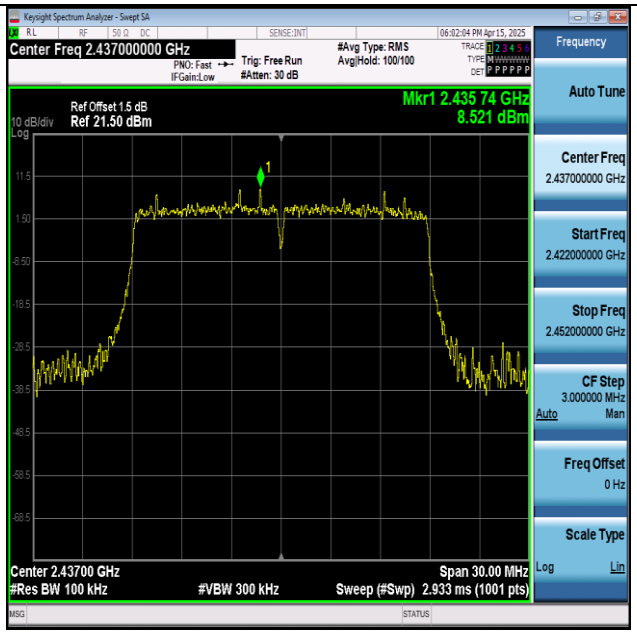
11G-Ant1-2437-PASS



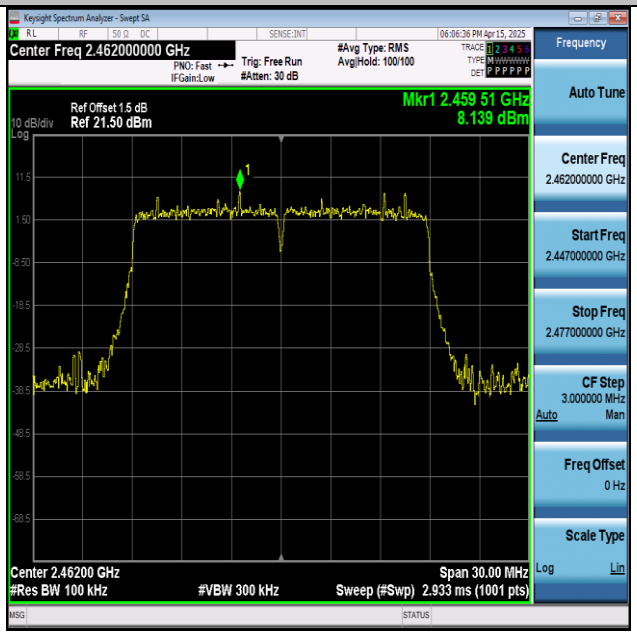
11G-Ant1-2462-PASS



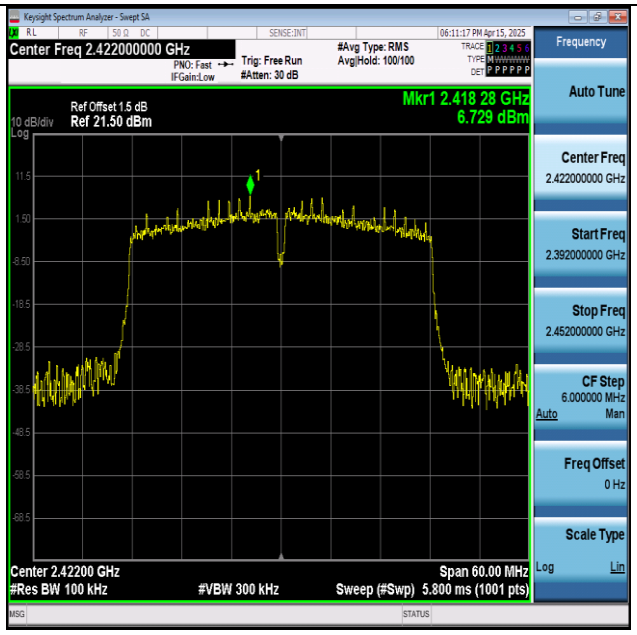
11N20SISO-Ant1-2412-PASS



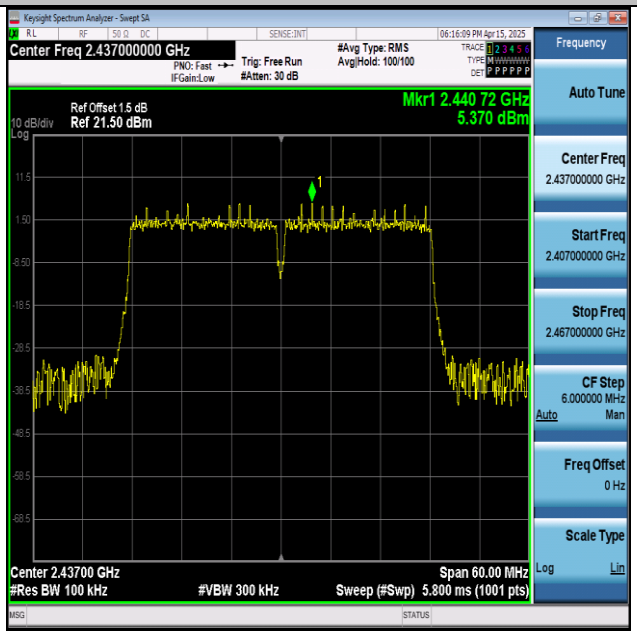
11N20SISO-Ant1-2437-PASS



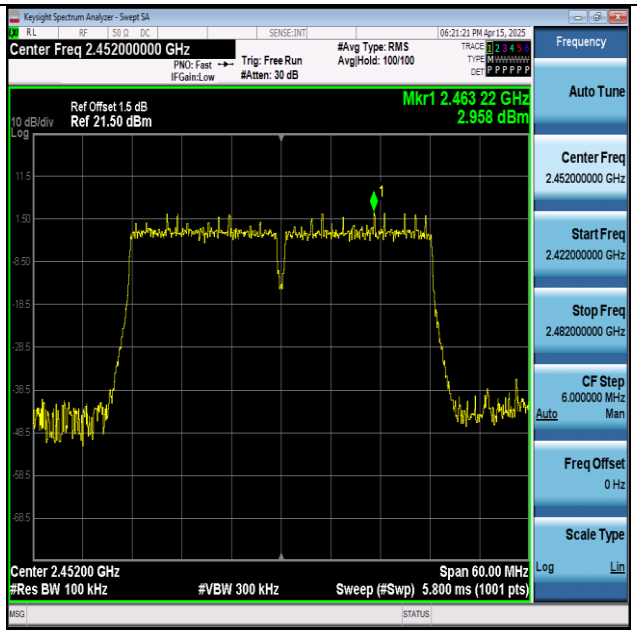
11N20SISO-Ant1-2462-PASS



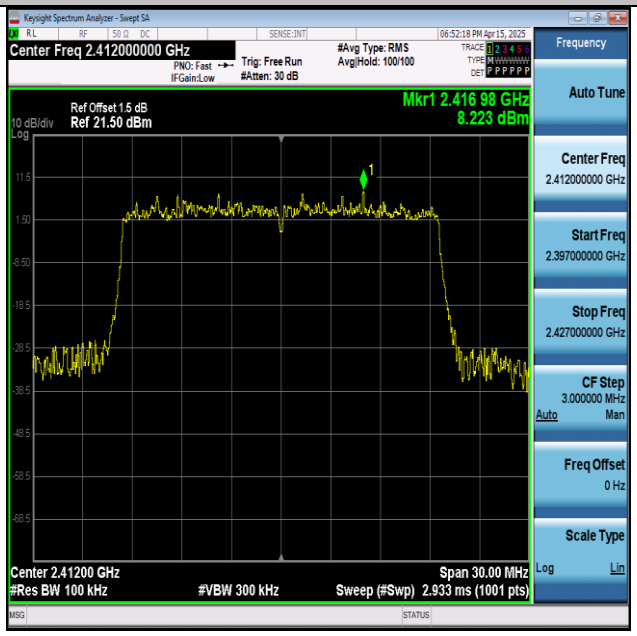
11N40SISO-Ant1-2422-PASS



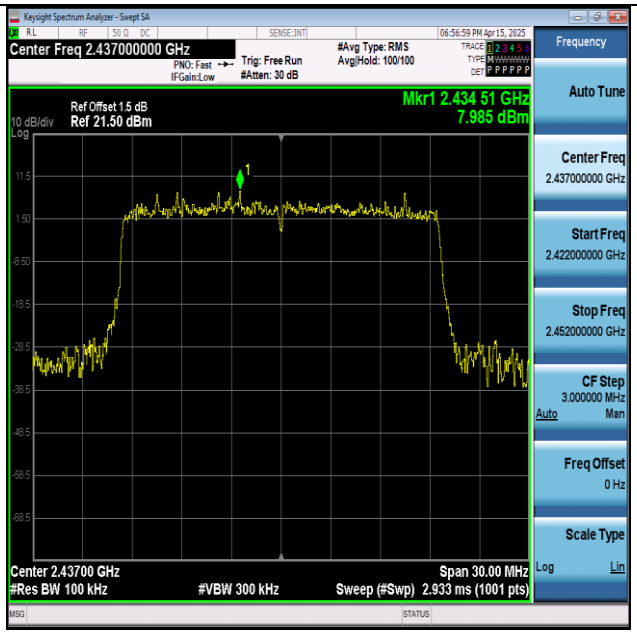
11N40SISO-Ant1-2437-PASS



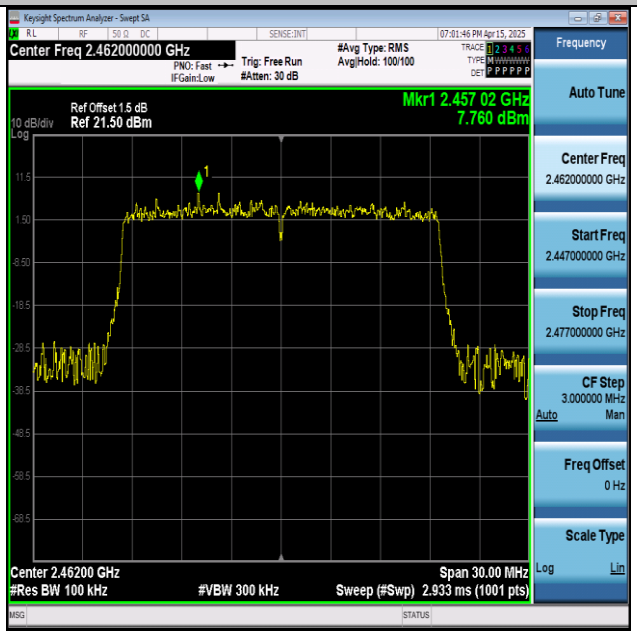
11N40SISO-Ant1-2452-PASS



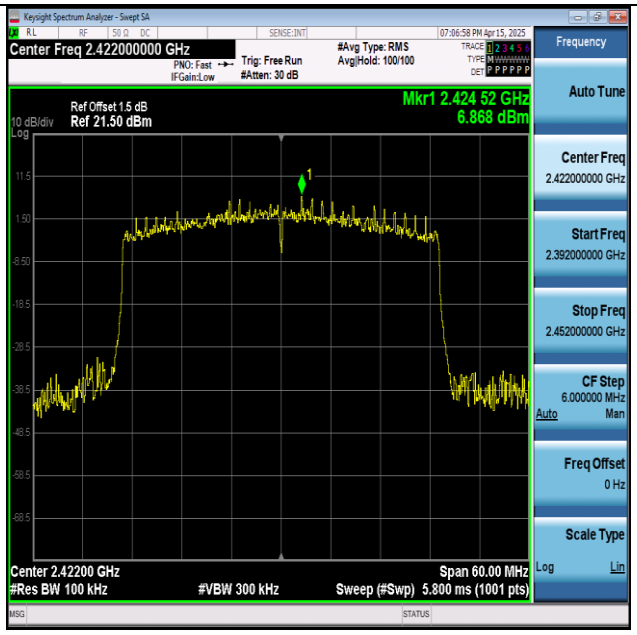
11AX20SISO-Ant1-2412-PASS



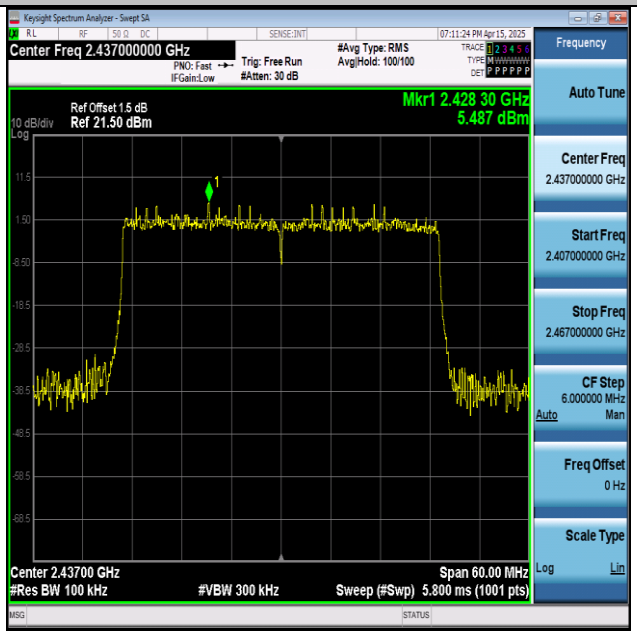
11AX20SISO-Ant1-2437-PASS



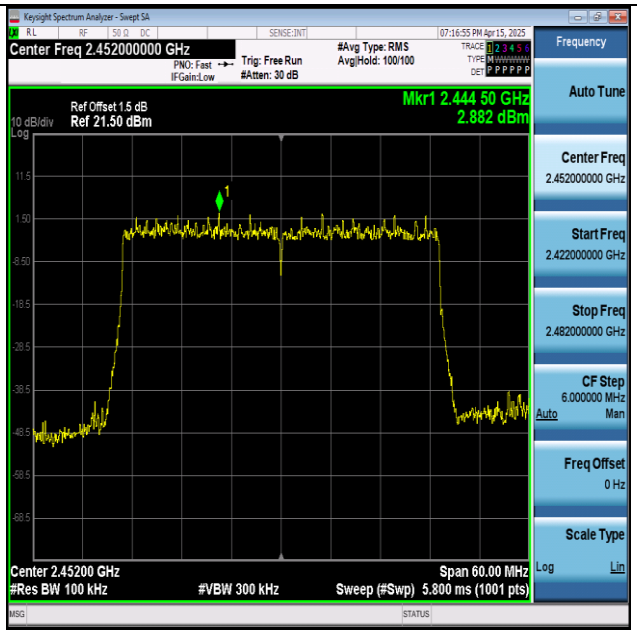
11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



11AX40SISO-Ant1-2452-PASS

Band edge measurements:

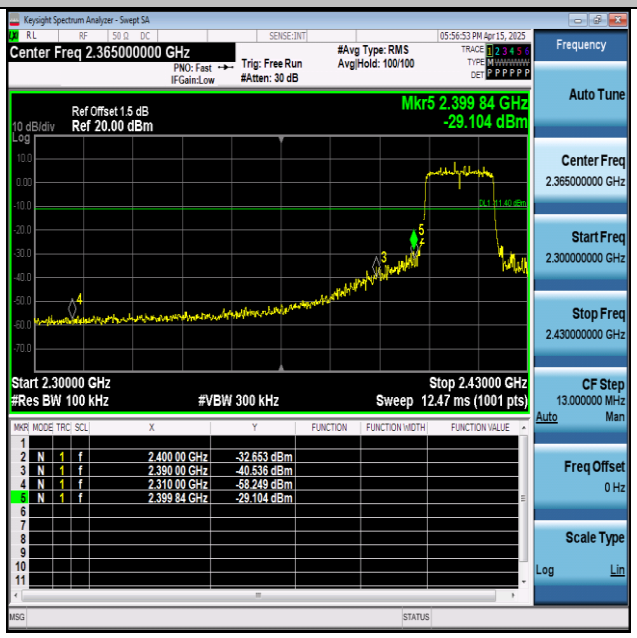
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.42	-20.24	≤-11.58	PASS
11B	Ant1	High	2462	11.78	-44.4	≤-8.22	PASS
11G	Ant1	Low	2412	8.21	-33.48	≤-11.79	PASS
11G	Ant1	High	2462	7.01	-42.68	≤-12.99	PASS
11N20SISO	Ant1	Low	2412	8.60	-29.1	≤-11.4	PASS
11N20SISO	Ant1	High	2462	8.14	-35.73	≤-11.86	PASS
11N40SISO	Ant1	Low	2422	6.73	-30.69	≤-13.27	PASS
11N40SISO	Ant1	High	2452	2.96	-35.31	≤-17.04	PASS
11AX20SISO	Ant1	Low	2412	8.22	-27.27	≤-11.78	PASS
11AX20SISO	Ant1	High	2462	7.76	-34.15	≤-12.24	PASS
11AX40SISO	Ant1	Low	2422	6.87	-30.93	≤-13.13	PASS
11AX40SISO	Ant1	High	2452	2.88	-37.66	≤-17.12	PASS
Note:We have evaluated SISO, MIMO mode, shown in the report is the worst data.							

11B-Ant1-2412-PASS

11B-Ant1-2462-PASS

11G-Ant1-2412-PASS

11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS

11N40SISO-Ant1-2452-PASS

11AX20SISO-Ant1-2412-PASS

11AX20SISO-Ant1-2462-PASS

11AX40SISO-Ant1-2422-PASS

11AX40SISO-Ant1-2452-PASS

Conducted Spurious Emission:

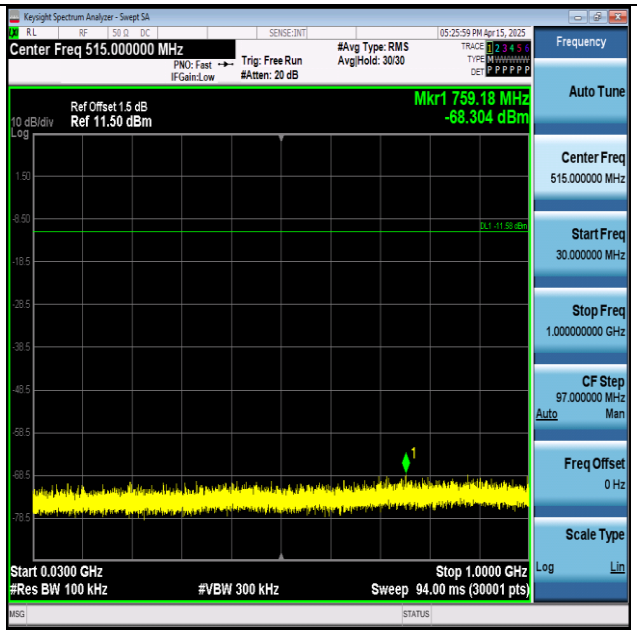
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	8.42	-68.3	≤-11.58	PASS
11B	Ant1	2412	1000~3000	8.42	-56.29	≤-11.58	PASS
11B	Ant1	2412	3000~5000	8.42	-50.95	≤-11.58	PASS
11B	Ant1	2412	5000~7000	8.42	-60.21	≤-11.58	PASS
11B	Ant1	2412	7000~9000	8.42	-62.57	≤-11.58	PASS
11B	Ant1	2412	9000~11000	8.42	-48.82	≤-11.58	PASS
11B	Ant1	2412	11000~13000	8.42	-65.76	≤-11.58	PASS
11B	Ant1	2412	13000~15000	8.42	-64.65	≤-11.58	PASS
11B	Ant1	2412	15000~17000	8.42	-64.53	≤-11.58	PASS
11B	Ant1	2412	17000~19000	8.42	-63.64	≤-11.58	PASS
11B	Ant1	2412	19000~21000	8.42	-62.33	≤-11.58	PASS
11B	Ant1	2412	21000~23000	8.42	-61.55	≤-11.58	PASS
11B	Ant1	2412	23000~25000	8.42	-61.37	≤-11.58	PASS
11B	Ant1	2437	30~1000	10.02	-66.47	≤-9.98	PASS
11B	Ant1	2437	1000~3000	10.02	-59.61	≤-9.98	PASS
11B	Ant1	2437	3000~5000	10.02	-51.19	≤-9.98	PASS
11B	Ant1	2437	5000~7000	10.02	-60.7	≤-9.98	PASS
11B	Ant1	2437	7000~9000	10.02	-64.8	≤-9.98	PASS
11B	Ant1	2437	9000~11000	10.02	-63.79	≤-9.98	PASS
11B	Ant1	2437	11000~13000	10.02	-65.34	≤-9.98	PASS
11B	Ant1	2437	13000~15000	10.02	-64.73	≤-9.98	PASS
11B	Ant1	2437	15000~17000	10.02	-64.35	≤-9.98	PASS
11B	Ant1	2437	17000~19000	10.02	-63.66	≤-9.98	PASS
11B	Ant1	2437	19000~21000	10.02	-63.21	≤-9.98	PASS
11B	Ant1	2437	21000~23000	10.02	-61.9	≤-9.98	PASS
11B	Ant1	2437	23000~25000	10.02	-61.1	≤-9.98	PASS
11B	Ant1	2462	30~1000	11.78	-66.53	≤-8.22	PASS
11B	Ant1	2462	1000~3000	11.78	-57.22	≤-8.22	PASS
11B	Ant1	2462	3000~5000	11.78	-44.73	≤-8.22	PASS
11B	Ant1	2462	5000~7000	11.78	-61.34	≤-8.22	PASS
11B	Ant1	2462	7000~9000	11.78	-62.71	≤-8.22	PASS
11B	Ant1	2462	9000~11000	11.78	-60.28	≤-8.22	PASS
11B	Ant1	2462	11000~13000	11.78	-65.24	≤-8.22	PASS
11B	Ant1	2462	13000~15000	11.78	-63.74	≤-8.22	PASS
11B	Ant1	2462	15000~17000	11.78	-64.68	≤-8.22	PASS
11B	Ant1	2462	17000~19000	11.78	-63.42	≤-8.22	PASS
11B	Ant1	2462	19000~21000	11.78	-63.03	≤-8.22	PASS
11B	Ant1	2462	21000~23000	11.78	-61.74	≤-8.22	PASS
11B	Ant1	2462	23000~25000	11.78	-61.48	≤-8.22	PASS
11G	Ant1	2412	30~1000	8.21	-62.86	≤-11.79	PASS
11G	Ant1	2412	1000~3000	8.21	-57.38	≤-11.79	PASS
11G	Ant1	2412	3000~5000	8.21	-59.94	≤-11.79	PASS
11G	Ant1	2412	5000~7000	8.21	-61.38	≤-11.79	PASS
11G	Ant1	2412	7000~9000	8.21	-63.92	≤-11.79	PASS
11G	Ant1	2412	9000~11000	8.21	-64.7	≤-11.79	PASS
11G	Ant1	2412	11000~13000	8.21	-65.16	≤-11.79	PASS

11G	Ant1	2412	13000~15000	8.21	-63.96	≤-11.79	PASS
11G	Ant1	2412	15000~17000	8.21	-64.53	≤-11.79	PASS
11G	Ant1	2412	17000~19000	8.21	-63.55	≤-11.79	PASS
11G	Ant1	2412	19000~21000	8.21	-62.28	≤-11.79	PASS
11G	Ant1	2412	21000~23000	8.21	-61.13	≤-11.79	PASS
11G	Ant1	2412	23000~25000	8.21	-60.75	≤-11.79	PASS
11G	Ant1	2437	30~1000	8.39	-68.08	≤-11.61	PASS
11G	Ant1	2437	1000~3000	8.39	-57.97	≤-11.61	PASS
11G	Ant1	2437	3000~5000	8.39	-59.67	≤-11.61	PASS
11G	Ant1	2437	5000~7000	8.39	-60.79	≤-11.61	PASS
11G	Ant1	2437	7000~9000	8.39	-63.81	≤-11.61	PASS
11G	Ant1	2437	9000~11000	8.39	-65.11	≤-11.61	PASS
11G	Ant1	2437	11000~13000	8.39	-65.53	≤-11.61	PASS
11G	Ant1	2437	13000~15000	8.39	-64.03	≤-11.61	PASS
11G	Ant1	2437	15000~17000	8.39	-64.66	≤-11.61	PASS
11G	Ant1	2437	17000~19000	8.39	-63.39	≤-11.61	PASS
11G	Ant1	2437	19000~21000	8.39	-62.85	≤-11.61	PASS
11G	Ant1	2437	21000~23000	8.39	-60.94	≤-11.61	PASS
11G	Ant1	2437	23000~25000	8.39	-61.4	≤-11.61	PASS
11G	Ant1	2462	30~1000	7.01	-63.62	≤-12.99	PASS
11G	Ant1	2462	1000~3000	7.01	-51.99	≤-12.99	PASS
11G	Ant1	2462	3000~5000	7.01	-59.15	≤-12.99	PASS
11G	Ant1	2462	5000~7000	7.01	-61.05	≤-12.99	PASS
11G	Ant1	2462	7000~9000	7.01	-64.94	≤-12.99	PASS
11G	Ant1	2462	9000~11000	7.01	-64.28	≤-12.99	PASS
11G	Ant1	2462	11000~13000	7.01	-65.17	≤-12.99	PASS
11G	Ant1	2462	13000~15000	7.01	-64.49	≤-12.99	PASS
11G	Ant1	2462	15000~17000	7.01	-65.17	≤-12.99	PASS
11G	Ant1	2462	17000~19000	7.01	-63.75	≤-12.99	PASS
11G	Ant1	2462	19000~21000	7.01	-62.73	≤-12.99	PASS
11G	Ant1	2462	21000~23000	7.01	-61.73	≤-12.99	PASS
11G	Ant1	2462	23000~25000	7.01	-61.02	≤-12.99	PASS
11N20SISO	Ant1	2412	30~1000	8.60	-53.37	≤-11.4	PASS
11N20SISO	Ant1	2412	1000~3000	8.60	-52.96	≤-11.4	PASS
11N20SISO	Ant1	2412	3000~5000	8.60	-59.04	≤-11.4	PASS
11N20SISO	Ant1	2412	5000~7000	8.60	-60.78	≤-11.4	PASS
11N20SISO	Ant1	2412	7000~9000	8.60	-63.64	≤-11.4	PASS
11N20SISO	Ant1	2412	9000~11000	8.60	-64.77	≤-11.4	PASS
11N20SISO	Ant1	2412	11000~13000	8.60	-65.35	≤-11.4	PASS
11N20SISO	Ant1	2412	13000~15000	8.60	-64.68	≤-11.4	PASS
11N20SISO	Ant1	2412	15000~17000	8.60	-64.69	≤-11.4	PASS
11N20SISO	Ant1	2412	17000~19000	8.60	-63.75	≤-11.4	PASS
11N20SISO	Ant1	2412	19000~21000	8.60	-62.45	≤-11.4	PASS
11N20SISO	Ant1	2412	21000~23000	8.60	-61.79	≤-11.4	PASS
11N20SISO	Ant1	2412	23000~25000	8.60	-61.07	≤-11.4	PASS
11N20SISO	Ant1	2437	30~1000	8.52	-67.29	≤-11.48	PASS
11N20SISO	Ant1	2437	1000~3000	8.52	-55.76	≤-11.48	PASS
11N20SISO	Ant1	2437	3000~5000	8.52	-59.7	≤-11.48	PASS
11N20SISO	Ant1	2437	5000~7000	8.52	-60.9	≤-11.48	PASS
11N20SISO	Ant1	2437	7000~9000	8.52	-64.33	≤-11.48	PASS

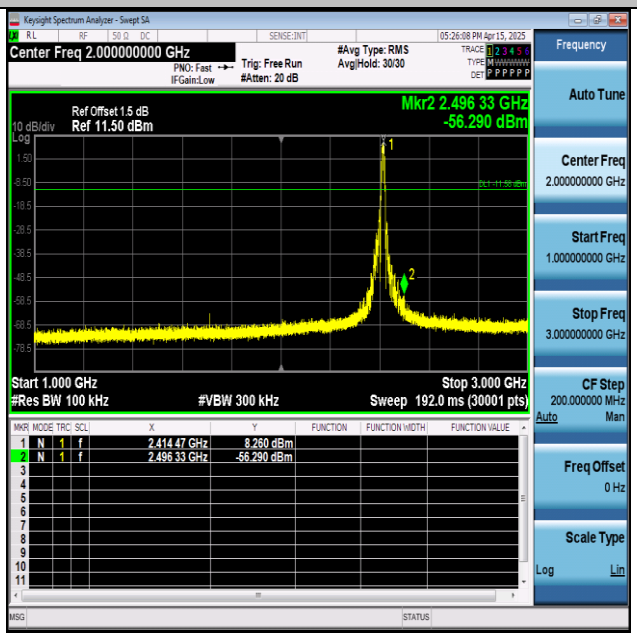
11N20SISO	Ant1	2437	9000~11000	8.52	-64.81	≤-11.48	PASS
11N20SISO	Ant1	2437	11000~13000	8.52	-65.51	≤-11.48	PASS
11N20SISO	Ant1	2437	13000~15000	8.52	-64.83	≤-11.48	PASS
11N20SISO	Ant1	2437	15000~17000	8.52	-64.46	≤-11.48	PASS
11N20SISO	Ant1	2437	17000~19000	8.52	-63.89	≤-11.48	PASS
11N20SISO	Ant1	2437	19000~21000	8.52	-62.74	≤-11.48	PASS
11N20SISO	Ant1	2437	21000~23000	8.52	-61.75	≤-11.48	PASS
11N20SISO	Ant1	2437	23000~25000	8.52	-61.67	≤-11.48	PASS
11N20SISO	Ant1	2462	30~1000	8.14	-68.1	≤-11.86	PASS
11N20SISO	Ant1	2462	1000~3000	8.14	-46.68	≤-11.86	PASS
11N20SISO	Ant1	2462	3000~5000	8.14	-56.33	≤-11.86	PASS
11N20SISO	Ant1	2462	5000~7000	8.14	-60.83	≤-11.86	PASS
11N20SISO	Ant1	2462	7000~9000	8.14	-64.69	≤-11.86	PASS
11N20SISO	Ant1	2462	9000~11000	8.14	-64.64	≤-11.86	PASS
11N20SISO	Ant1	2462	11000~13000	8.14	-65.55	≤-11.86	PASS
11N20SISO	Ant1	2462	13000~15000	8.14	-64.27	≤-11.86	PASS
11N20SISO	Ant1	2462	15000~17000	8.14	-64.58	≤-11.86	PASS
11N20SISO	Ant1	2462	17000~19000	8.14	-63.91	≤-11.86	PASS
11N20SISO	Ant1	2462	19000~21000	8.14	-63.03	≤-11.86	PASS
11N20SISO	Ant1	2462	21000~23000	8.14	-62.01	≤-11.86	PASS
11N20SISO	Ant1	2462	23000~25000	8.14	-61	≤-11.86	PASS
11N40SISO	Ant1	2422	30~1000	6.73	-65.23	≤-13.27	PASS
11N40SISO	Ant1	2422	1000~3000	6.73	-54.5	≤-13.27	PASS
11N40SISO	Ant1	2422	3000~5000	6.73	-59.81	≤-13.27	PASS
11N40SISO	Ant1	2422	5000~7000	6.73	-61.36	≤-13.27	PASS
11N40SISO	Ant1	2422	7000~9000	6.73	-64.27	≤-13.27	PASS
11N40SISO	Ant1	2422	9000~11000	6.73	-64.43	≤-13.27	PASS
11N40SISO	Ant1	2422	11000~13000	6.73	-65.38	≤-13.27	PASS
11N40SISO	Ant1	2422	13000~15000	6.73	-64.59	≤-13.27	PASS
11N40SISO	Ant1	2422	15000~17000	6.73	-64.53	≤-13.27	PASS
11N40SISO	Ant1	2422	17000~19000	6.73	-62.31	≤-13.27	PASS
11N40SISO	Ant1	2422	19000~21000	6.73	-62.79	≤-13.27	PASS
11N40SISO	Ant1	2422	21000~23000	6.73	-62.19	≤-13.27	PASS
11N40SISO	Ant1	2422	23000~25000	6.73	-60.91	≤-13.27	PASS
11N40SISO	Ant1	2437	30~1000	5.37	-68.31	≤-14.63	PASS
11N40SISO	Ant1	2437	1000~3000	5.37	-57.18	≤-14.63	PASS
11N40SISO	Ant1	2437	3000~5000	5.37	-60.84	≤-14.63	PASS
11N40SISO	Ant1	2437	5000~7000	5.37	-61.06	≤-14.63	PASS
11N40SISO	Ant1	2437	7000~9000	5.37	-64.27	≤-14.63	PASS
11N40SISO	Ant1	2437	9000~11000	5.37	-64.39	≤-14.63	PASS
11N40SISO	Ant1	2437	11000~13000	5.37	-65.26	≤-14.63	PASS
11N40SISO	Ant1	2437	13000~15000	5.37	-64.75	≤-14.63	PASS
11N40SISO	Ant1	2437	15000~17000	5.37	-65.14	≤-14.63	PASS
11N40SISO	Ant1	2437	17000~19000	5.37	-63.66	≤-14.63	PASS
11N40SISO	Ant1	2437	19000~21000	5.37	-62.11	≤-14.63	PASS
11N40SISO	Ant1	2437	21000~23000	5.37	-61.99	≤-14.63	PASS
11N40SISO	Ant1	2437	23000~25000	5.37	-61.29	≤-14.63	PASS
11N40SISO	Ant1	2452	30~1000	2.96	-64.44	≤-17.04	PASS
11N40SISO	Ant1	2452	1000~3000	2.96	-40.07	≤-17.04	PASS
11N40SISO	Ant1	2452	3000~5000	2.96	-62.49	≤-17.04	PASS

11N40SISO	Ant1	2452	5000~7000	2.96	-56.97	≤-17.04	PASS
11N40SISO	Ant1	2452	7000~9000	2.96	-64.45	≤-17.04	PASS
11N40SISO	Ant1	2452	9000~11000	2.96	-64.4	≤-17.04	PASS
11N40SISO	Ant1	2452	11000~13000	2.96	-65.33	≤-17.04	PASS
11N40SISO	Ant1	2452	13000~15000	2.96	-64.84	≤-17.04	PASS
11N40SISO	Ant1	2452	15000~17000	2.96	-64.18	≤-17.04	PASS
11N40SISO	Ant1	2452	17000~19000	2.96	-63.54	≤-17.04	PASS
11N40SISO	Ant1	2452	19000~21000	2.96	-63.26	≤-17.04	PASS
11N40SISO	Ant1	2452	21000~23000	2.96	-62.61	≤-17.04	PASS
11N40SISO	Ant1	2452	23000~25000	2.96	-61.17	≤-17.04	PASS
11AX20SISO	Ant1	2412	30~1000	8.22	-68.31	≤-11.78	PASS
11AX20SISO	Ant1	2412	1000~3000	8.22	-50.36	≤-11.78	PASS
11AX20SISO	Ant1	2412	3000~5000	8.22	-60.36	≤-11.78	PASS
11AX20SISO	Ant1	2412	5000~7000	8.22	-60.67	≤-11.78	PASS
11AX20SISO	Ant1	2412	7000~9000	8.22	-64.34	≤-11.78	PASS
11AX20SISO	Ant1	2412	9000~11000	8.22	-64.71	≤-11.78	PASS
11AX20SISO	Ant1	2412	11000~13000	8.22	-65.75	≤-11.78	PASS
11AX20SISO	Ant1	2412	13000~15000	8.22	-64.58	≤-11.78	PASS
11AX20SISO	Ant1	2412	15000~17000	8.22	-64.76	≤-11.78	PASS
11AX20SISO	Ant1	2412	17000~19000	8.22	-63.71	≤-11.78	PASS
11AX20SISO	Ant1	2412	19000~21000	8.22	-62.37	≤-11.78	PASS
11AX20SISO	Ant1	2412	21000~23000	8.22	-61.45	≤-11.78	PASS
11AX20SISO	Ant1	2412	23000~25000	8.22	-60.96	≤-11.78	PASS
11AX20SISO	Ant1	2437	30~1000	7.99	-67.71	≤-12.01	PASS
11AX20SISO	Ant1	2437	1000~3000	7.99	-55.26	≤-12.01	PASS
11AX20SISO	Ant1	2437	3000~5000	7.99	-58.35	≤-12.01	PASS
11AX20SISO	Ant1	2437	5000~7000	7.99	-60.96	≤-12.01	PASS
11AX20SISO	Ant1	2437	7000~9000	7.99	-63.5	≤-12.01	PASS
11AX20SISO	Ant1	2437	9000~11000	7.99	-64.43	≤-12.01	PASS
11AX20SISO	Ant1	2437	11000~13000	7.99	-65.58	≤-12.01	PASS
11AX20SISO	Ant1	2437	13000~15000	7.99	-63.99	≤-12.01	PASS
11AX20SISO	Ant1	2437	15000~17000	7.99	-64.83	≤-12.01	PASS
11AX20SISO	Ant1	2437	17000~19000	7.99	-62.87	≤-12.01	PASS
11AX20SISO	Ant1	2437	19000~21000	7.99	-62.47	≤-12.01	PASS
11AX20SISO	Ant1	2437	21000~23000	7.99	-61.02	≤-12.01	PASS
11AX20SISO	Ant1	2437	23000~25000	7.99	-61.04	≤-12.01	PASS
11AX20SISO	Ant1	2462	30~1000	7.76	-66.69	≤-12.24	PASS
11AX20SISO	Ant1	2462	1000~3000	7.76	-57.78	≤-12.24	PASS
11AX20SISO	Ant1	2462	3000~5000	7.76	-57.57	≤-12.24	PASS
11AX20SISO	Ant1	2462	5000~7000	7.76	-61.18	≤-12.24	PASS
11AX20SISO	Ant1	2462	7000~9000	7.76	-64.66	≤-12.24	PASS
11AX20SISO	Ant1	2462	9000~11000	7.76	-64.59	≤-12.24	PASS
11AX20SISO	Ant1	2462	11000~13000	7.76	-65.5	≤-12.24	PASS
11AX20SISO	Ant1	2462	13000~15000	7.76	-64.6	≤-12.24	PASS
11AX20SISO	Ant1	2462	15000~17000	7.76	-64.55	≤-12.24	PASS
11AX20SISO	Ant1	2462	17000~19000	7.76	-63.08	≤-12.24	PASS
11AX20SISO	Ant1	2462	19000~21000	7.76	-63.21	≤-12.24	PASS
11AX20SISO	Ant1	2462	21000~23000	7.76	-61.98	≤-12.24	PASS
11AX20SISO	Ant1	2462	23000~25000	7.76	-61.27	≤-12.24	PASS
11AX40SISO	Ant1	2422	30~1000	6.87	-68.29	≤-13.13	PASS

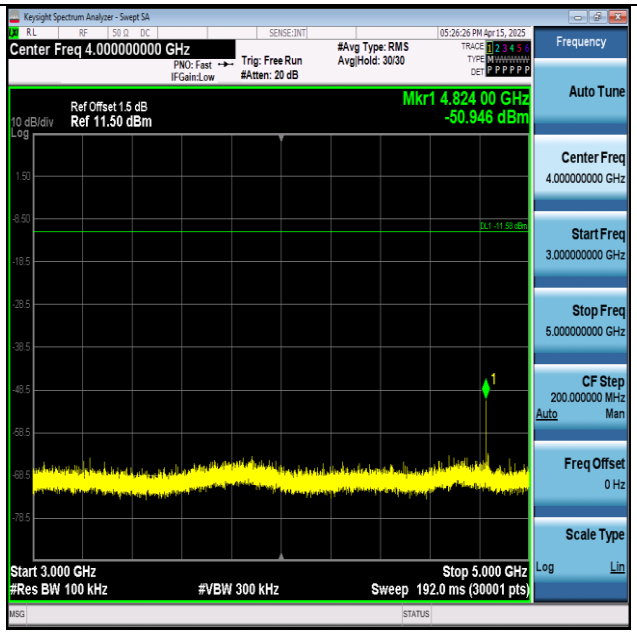
11AX40SISO	Ant1	2422	1000~3000	6.87	-48.6	≤-13.13	PASS
11AX40SISO	Ant1	2422	3000~5000	6.87	-61.64	≤-13.13	PASS
11AX40SISO	Ant1	2422	5000~7000	6.87	-59.09	≤-13.13	PASS
11AX40SISO	Ant1	2422	7000~9000	6.87	-63.15	≤-13.13	PASS
11AX40SISO	Ant1	2422	9000~11000	6.87	-64.54	≤-13.13	PASS
11AX40SISO	Ant1	2422	11000~13000	6.87	-65.34	≤-13.13	PASS
11AX40SISO	Ant1	2422	13000~15000	6.87	-64.11	≤-13.13	PASS
11AX40SISO	Ant1	2422	15000~17000	6.87	-64.21	≤-13.13	PASS
11AX40SISO	Ant1	2422	17000~19000	6.87	-63.14	≤-13.13	PASS
11AX40SISO	Ant1	2422	19000~21000	6.87	-63.2	≤-13.13	PASS
11AX40SISO	Ant1	2422	21000~23000	6.87	-61.9	≤-13.13	PASS
11AX40SISO	Ant1	2422	23000~25000	6.87	-61.15	≤-13.13	PASS
11AX40SISO	Ant1	2437	30~1000	5.49	-67.95	≤-14.51	PASS
11AX40SISO	Ant1	2437	1000~3000	5.49	-52.84	≤-14.51	PASS
11AX40SISO	Ant1	2437	3000~5000	5.49	-62.57	≤-14.51	PASS
11AX40SISO	Ant1	2437	5000~7000	5.49	-54.37	≤-14.51	PASS
11AX40SISO	Ant1	2437	7000~9000	5.49	-64.76	≤-14.51	PASS
11AX40SISO	Ant1	2437	9000~11000	5.49	-65.09	≤-14.51	PASS
11AX40SISO	Ant1	2437	11000~13000	5.49	-65.56	≤-14.51	PASS
11AX40SISO	Ant1	2437	13000~15000	5.49	-64.07	≤-14.51	PASS
11AX40SISO	Ant1	2437	15000~17000	5.49	-64.99	≤-14.51	PASS
11AX40SISO	Ant1	2437	17000~19000	5.49	-63.58	≤-14.51	PASS
11AX40SISO	Ant1	2437	19000~21000	5.49	-63.17	≤-14.51	PASS
11AX40SISO	Ant1	2437	21000~23000	5.49	-62.29	≤-14.51	PASS
11AX40SISO	Ant1	2437	23000~25000	5.49	-60.57	≤-14.51	PASS
11AX40SISO	Ant1	2452	30~1000	2.88	-67.05	≤-17.12	PASS
11AX40SISO	Ant1	2452	1000~3000	2.88	-58.44	≤-17.12	PASS
11AX40SISO	Ant1	2452	3000~5000	2.88	-63.34	≤-17.12	PASS
11AX40SISO	Ant1	2452	5000~7000	2.88	-60.6	≤-17.12	PASS
11AX40SISO	Ant1	2452	7000~9000	2.88	-64.65	≤-17.12	PASS
11AX40SISO	Ant1	2452	9000~11000	2.88	-64.44	≤-17.12	PASS
11AX40SISO	Ant1	2452	11000~13000	2.88	-65.91	≤-17.12	PASS
11AX40SISO	Ant1	2452	13000~15000	2.88	-64.42	≤-17.12	PASS
11AX40SISO	Ant1	2452	15000~17000	2.88	-64.29	≤-17.12	PASS
11AX40SISO	Ant1	2452	17000~19000	2.88	-63.1	≤-17.12	PASS
11AX40SISO	Ant1	2452	19000~21000	2.88	-62.67	≤-17.12	PASS
11AX40SISO	Ant1	2452	21000~23000	2.88	-62.19	≤-17.12	PASS
11AX40SISO	Ant1	2452	23000~25000	2.88	-60.97	≤-17.12	PASS
Note:We have evaluated SISO, MIMO mode, shown in the report is the worst data.							



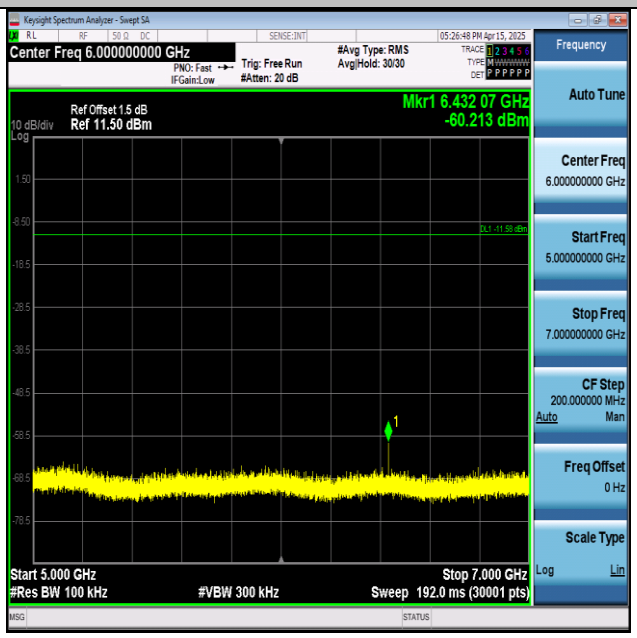
11B-Ant1-2412-30~1000-PASS



11B-Ant1-2412-1000~3000-PASS



11B-Ant1-2412-3000~5000-PASS



11B-Ant1-2412-5000~7000-PASS