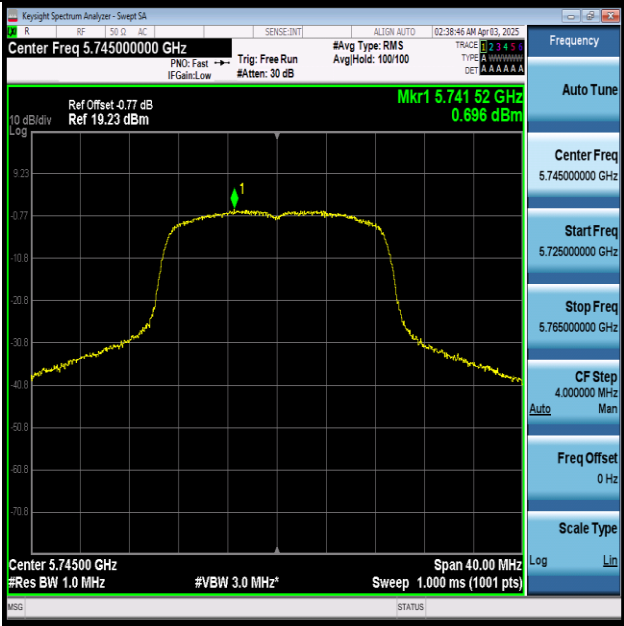
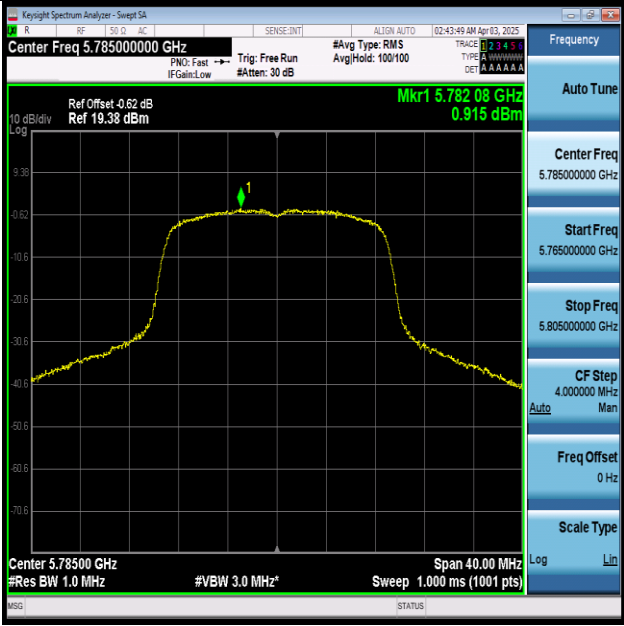
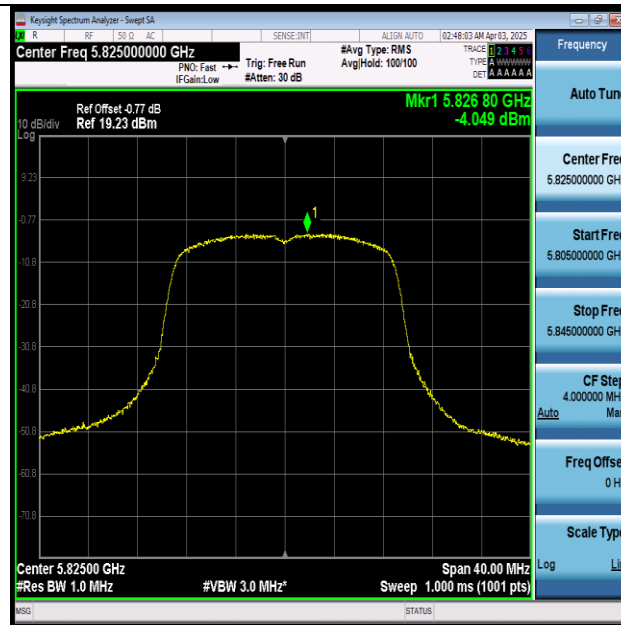




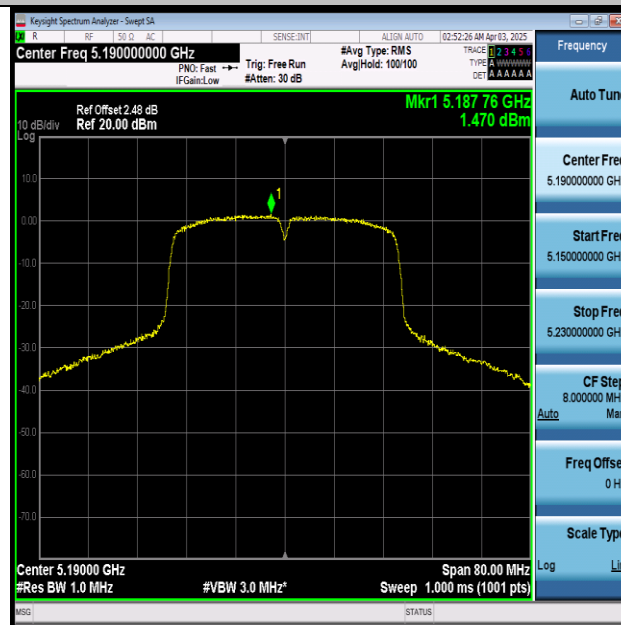
11N20SISO-Ant1-5745-PASS



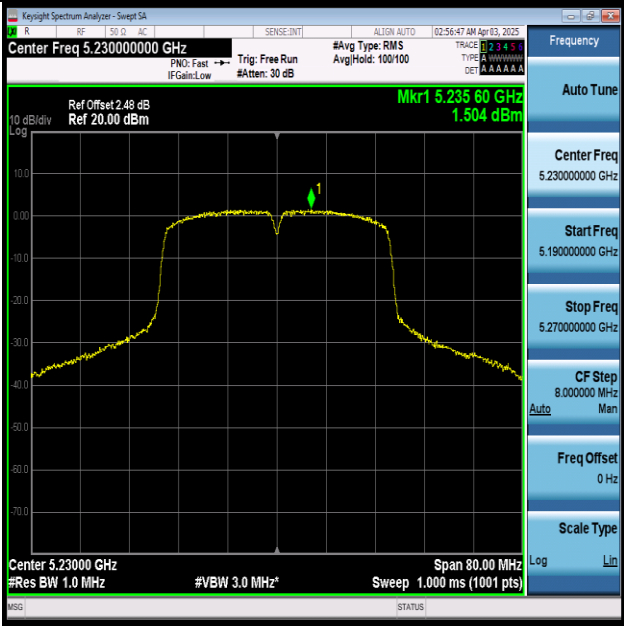
11N20SISO-Ant1-5785-PASS



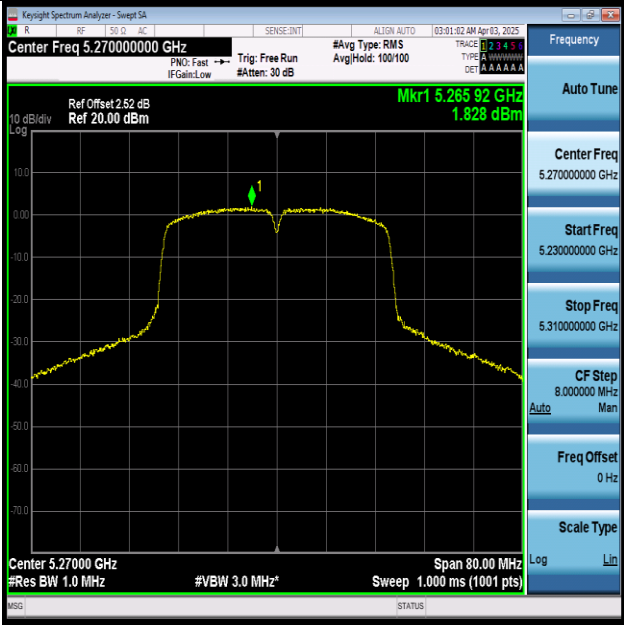
11N20SISO-Ant1-5825-PASS



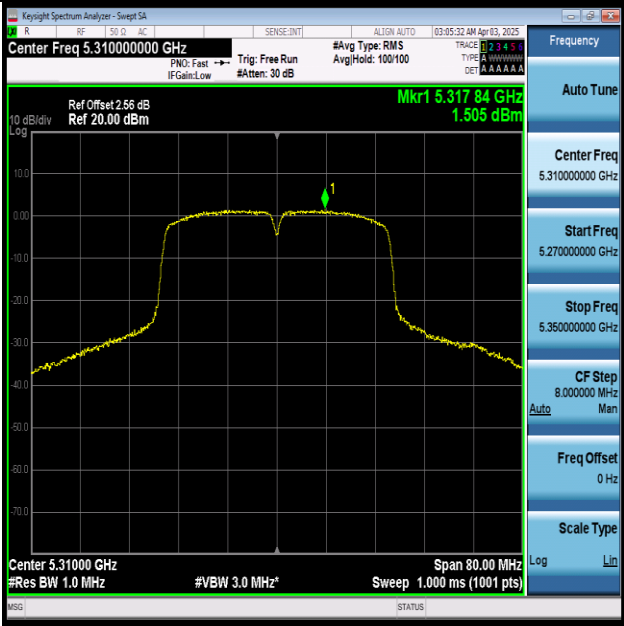
11N40SISO-Ant1-5190-PASS



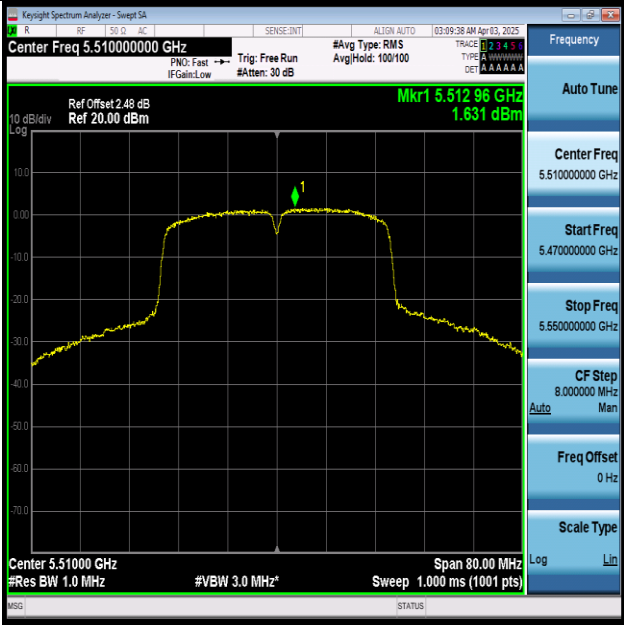
11N40SISO-Ant1-5230-PASS



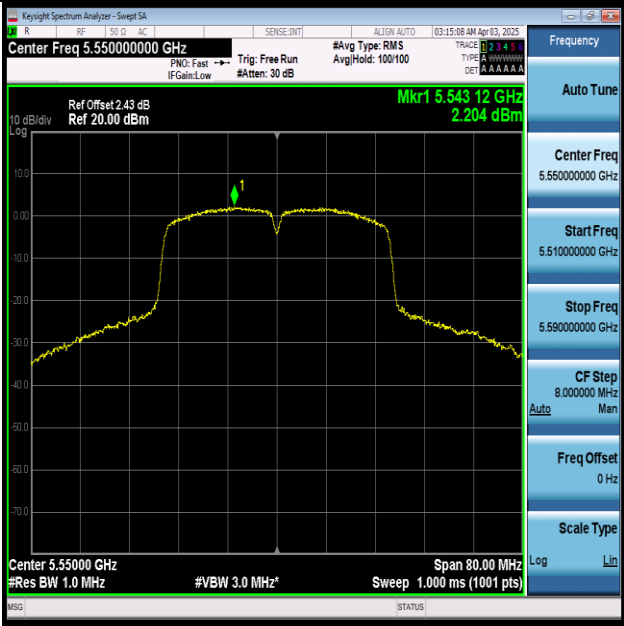
11N40SISO-Ant1-5270-PASS



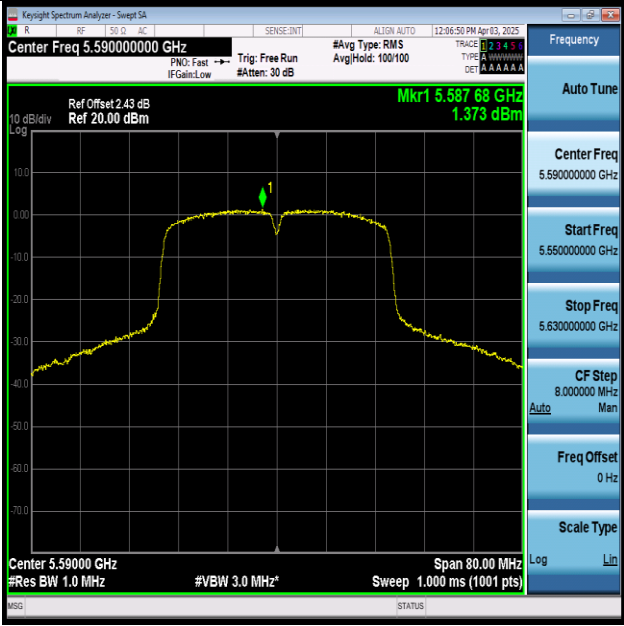
11N40SISO-Ant1-5310-PASS



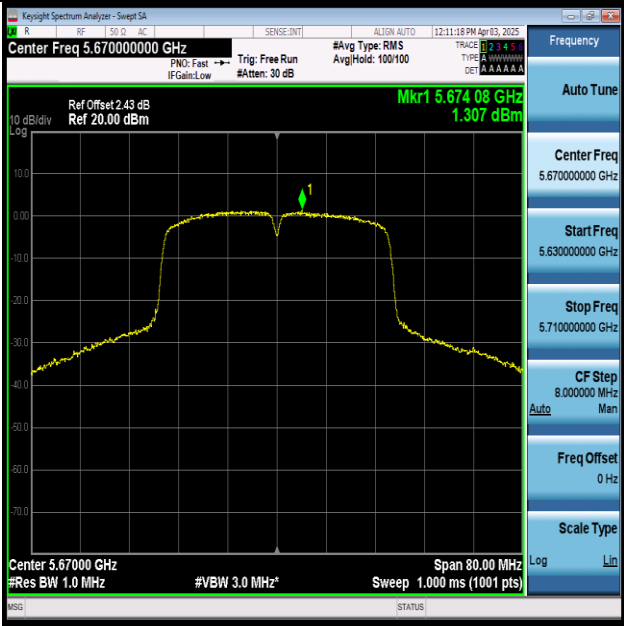
11N40SISO-Ant1-5510-PASS



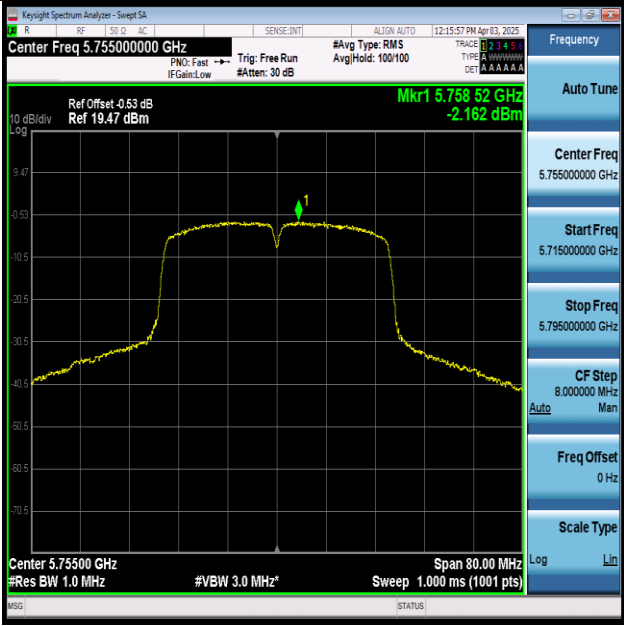
11N40SISO-Ant1-5550-PASS



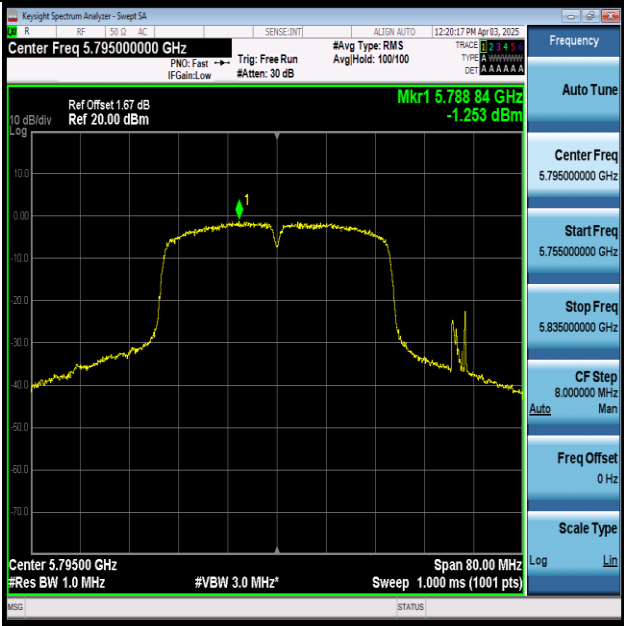
11N40SISO-Ant1-5590-PASS



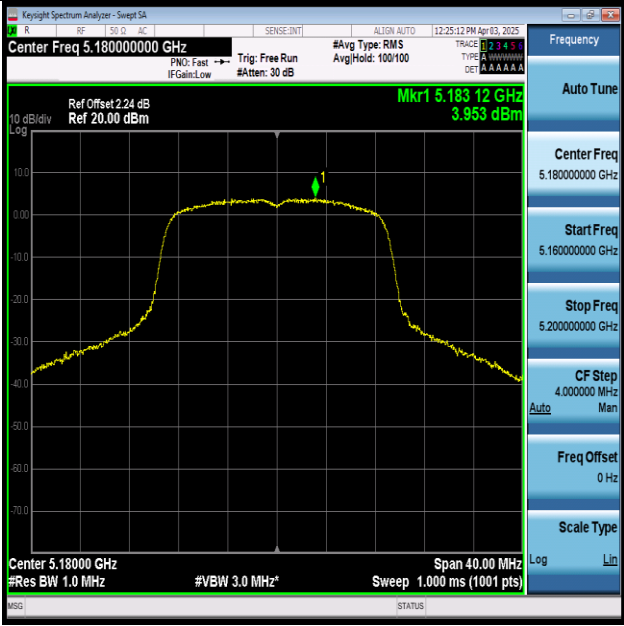
11N40SISO-Ant1-5670-PASS



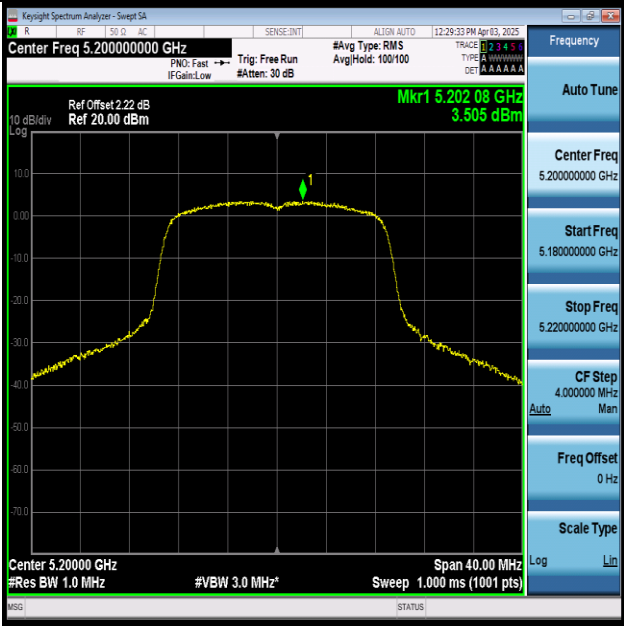
11N40SISO-Ant1-5755-PASS



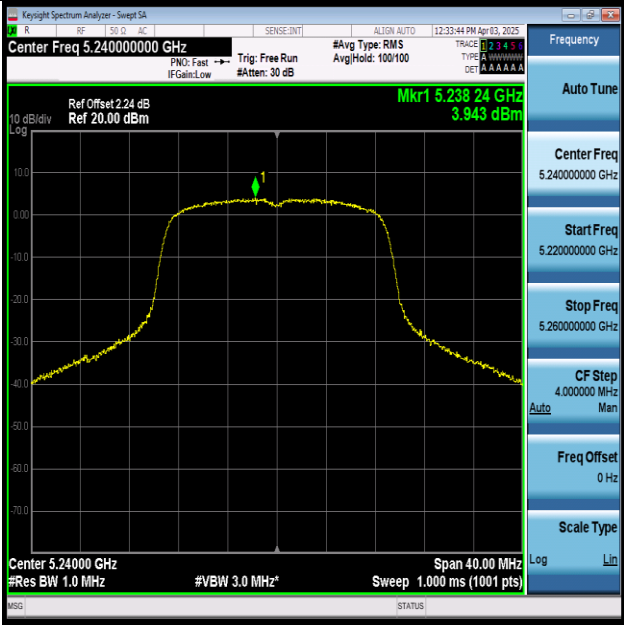
11N40SISO-Ant1-5795-PASS



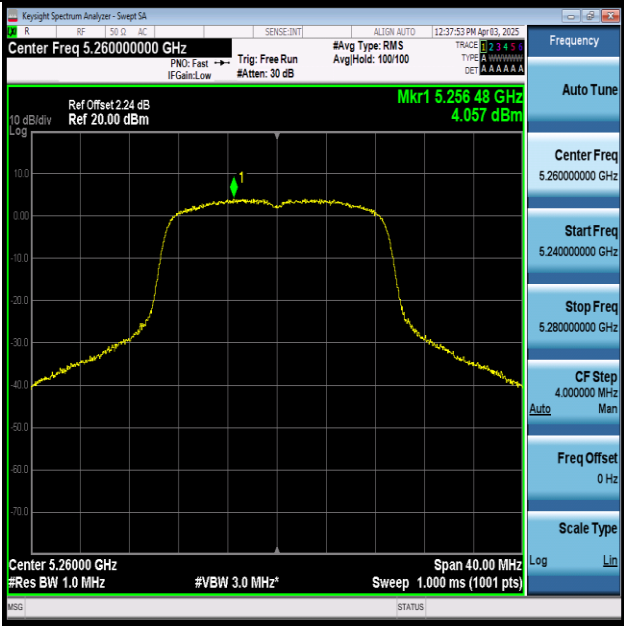
11AC20SISO-Ant1-5180-PASS



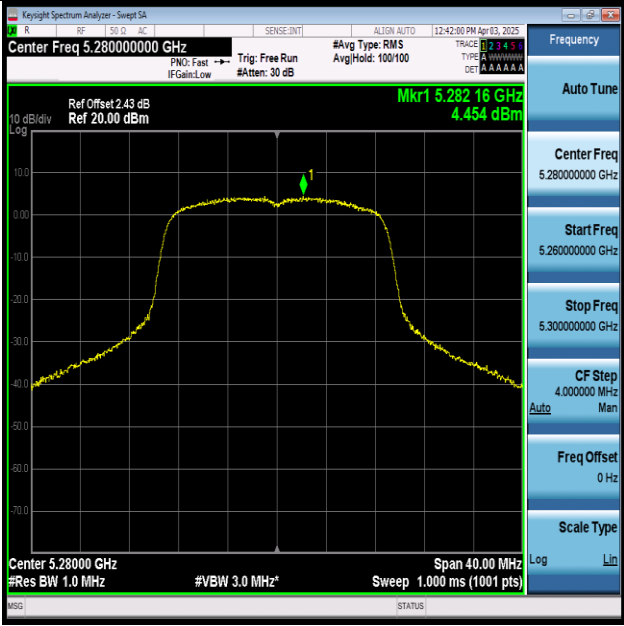
11AC20SISO-Ant1-5200-PASS



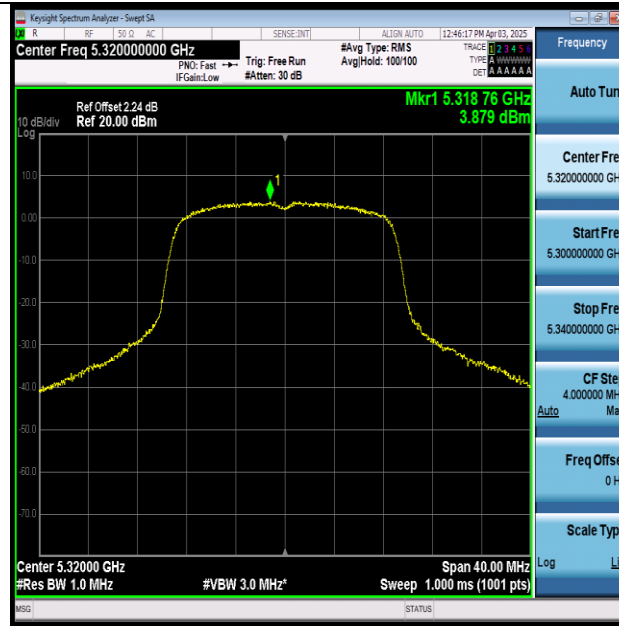
11AC20SISO-Ant1-5240-PASS



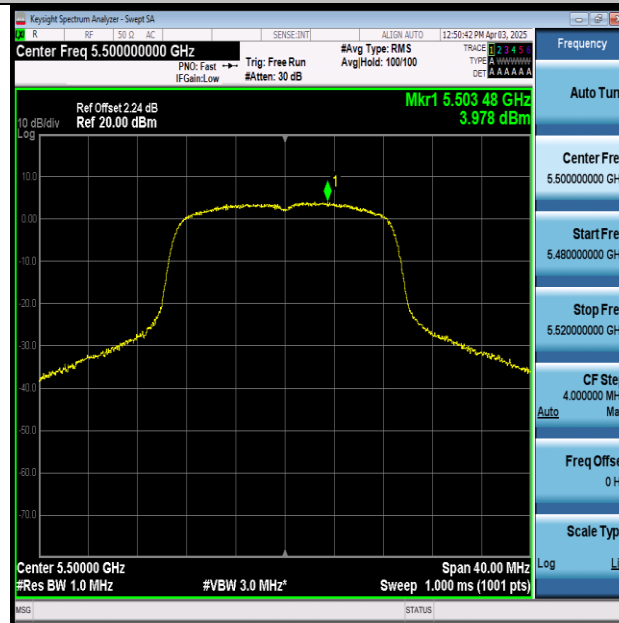
11AC20SISO-Ant1-5260-PASS



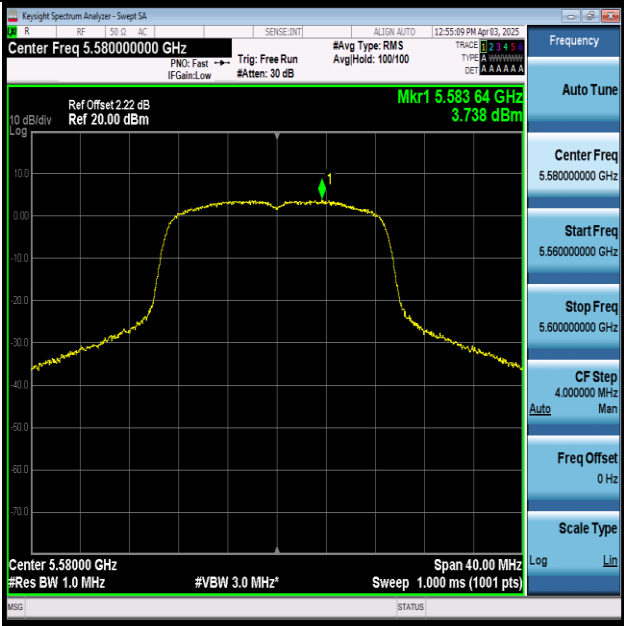
11AC20SISO-Ant1-5280-PASS



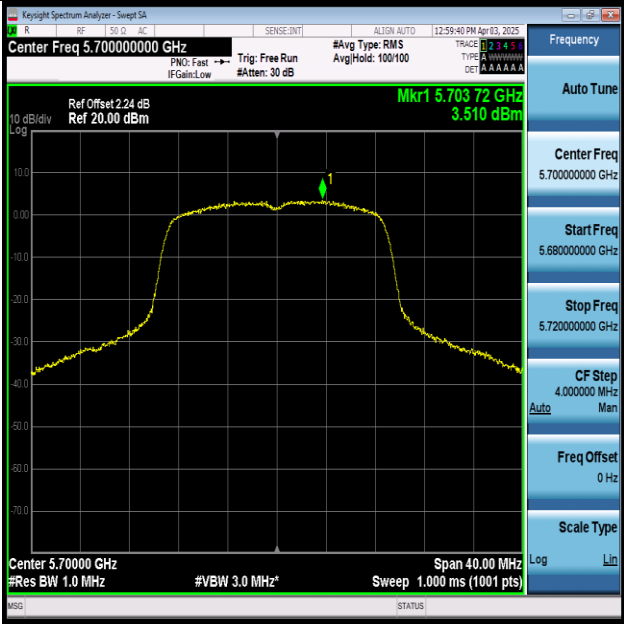
11AC20SISO-Ant1-5320-PASS



11AC20SISO-Ant1-5500-PASS



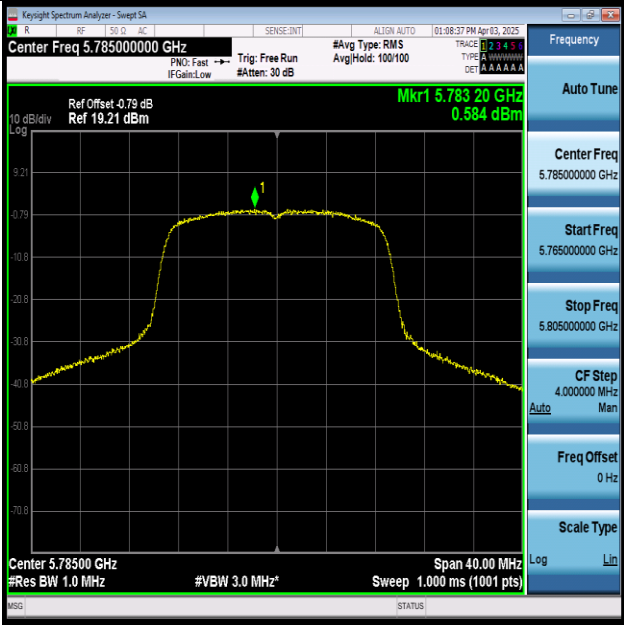
11AC20SISO-Ant1-5580-PASS



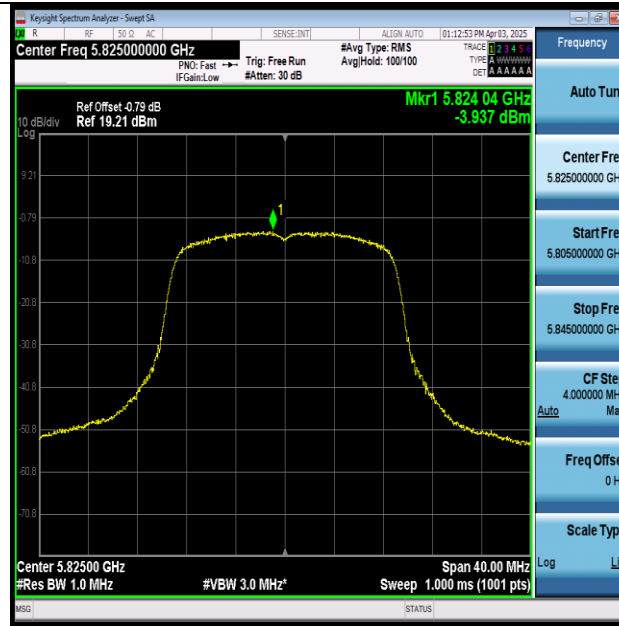
11AC20SISO-Ant1-5700-PASS



11AC20SISO-Ant1-5745-PASS



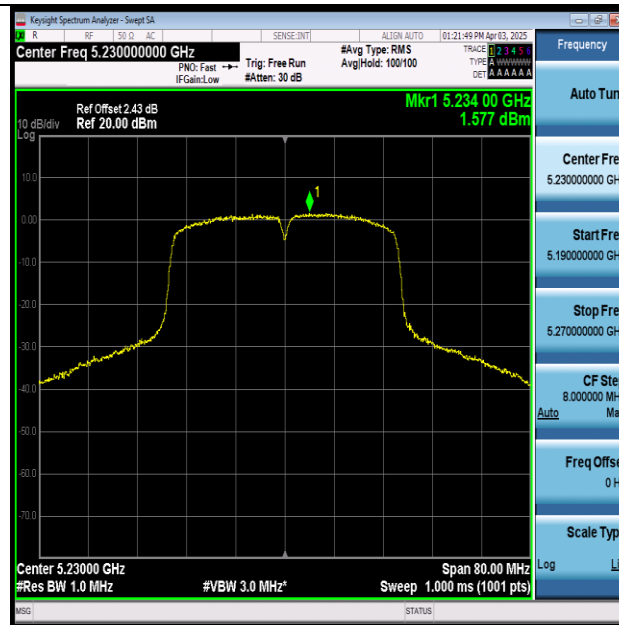
11AC20SISO-Ant1-5785-PASS



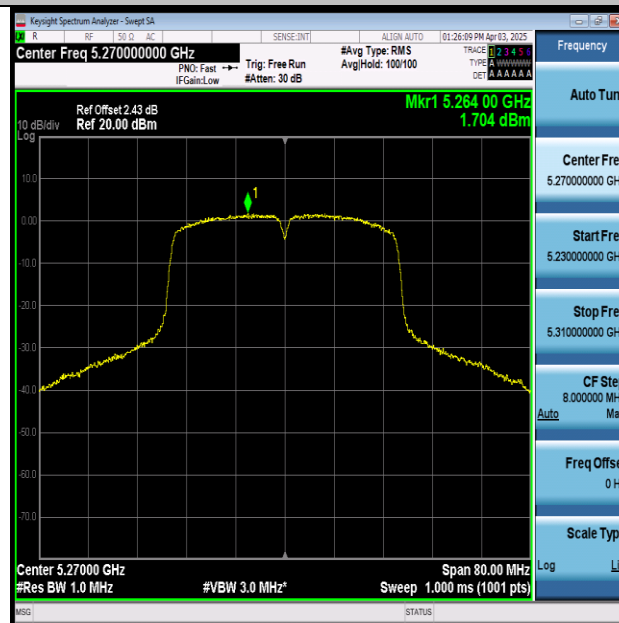
11AC20SISO-Ant1-5825-PASS



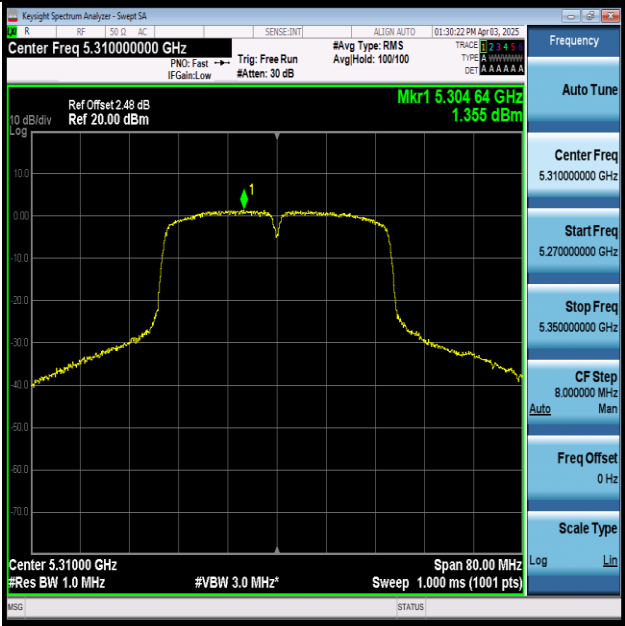
11AC40SISO-Ant1-5190-PASS



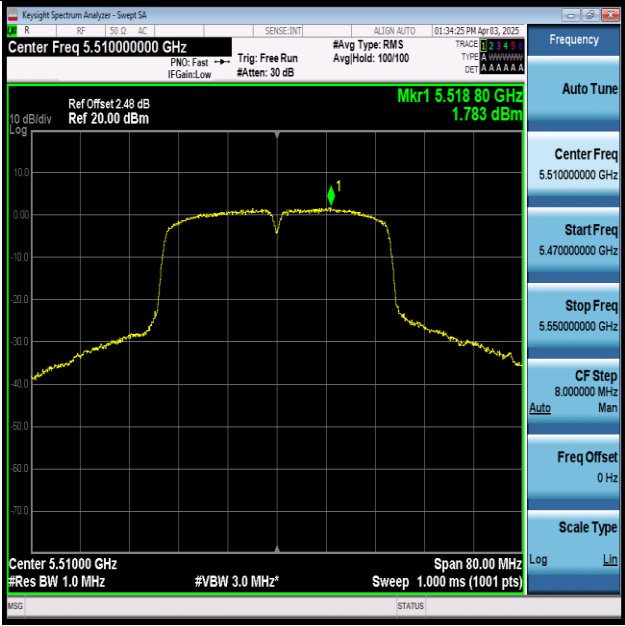
11AC40SISO-Ant1-5230-PASS



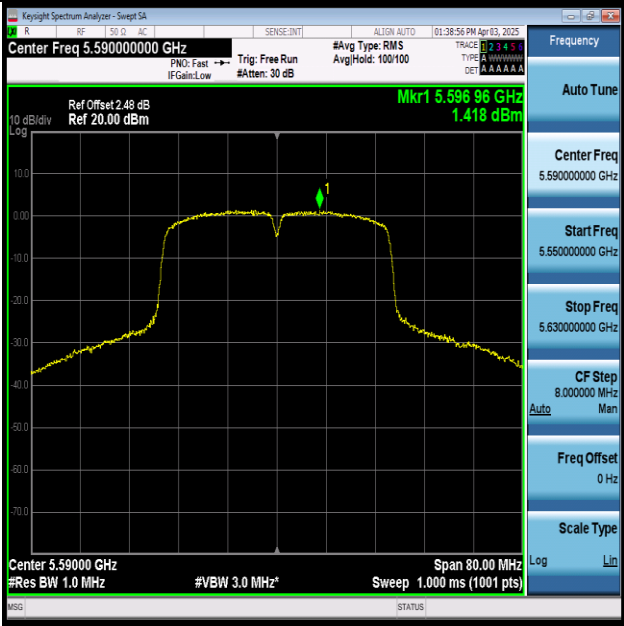
11AC40SISO-Ant1-5270-PASS



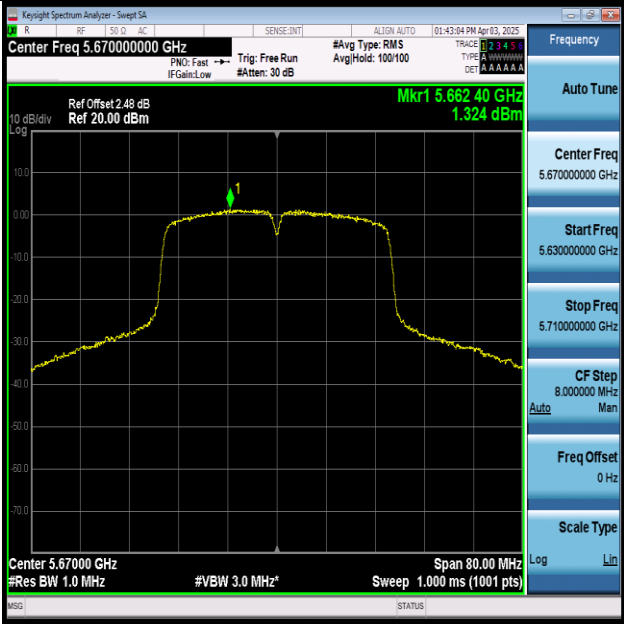
11AC40SISO-Ant1-5310-PASS



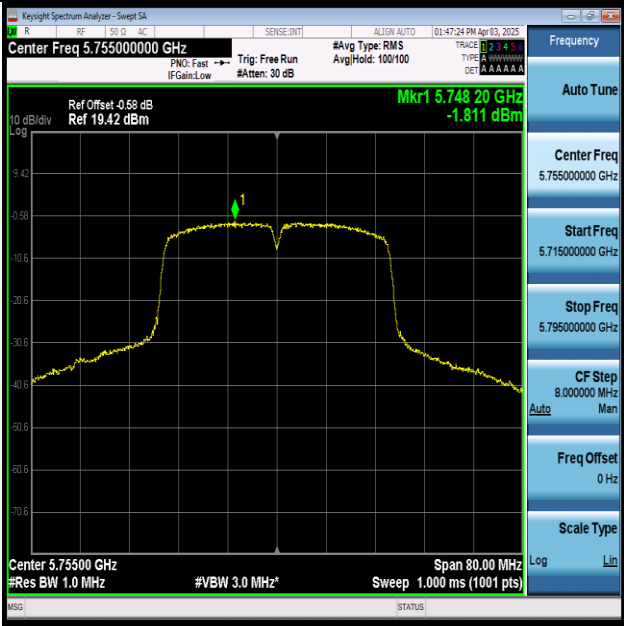
11AC40SISO-Ant1-5510-PASS



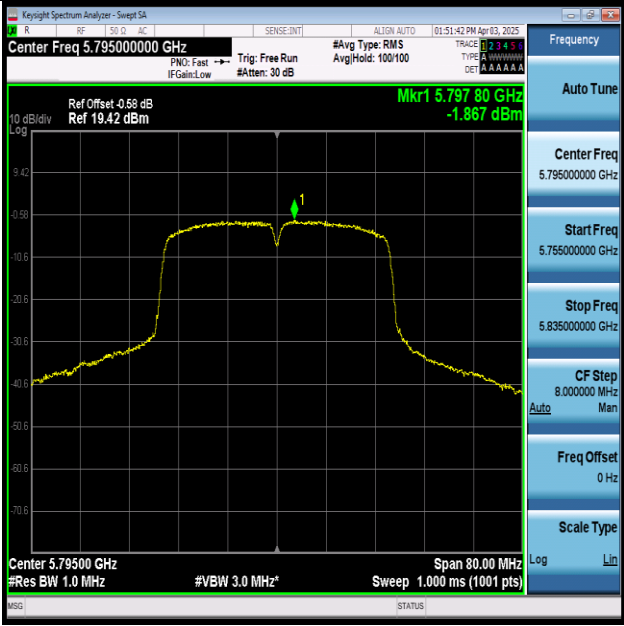
11AC40SISO-Ant1-5590-PASS



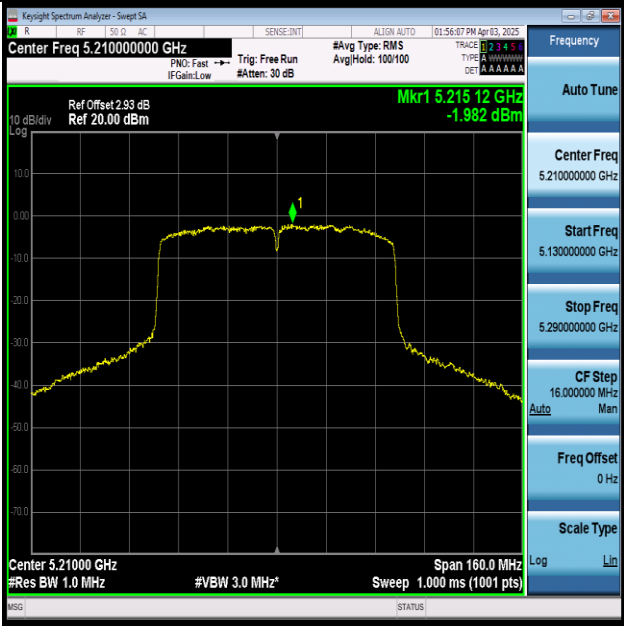
11AC40SISO-Ant1-5670-PASS



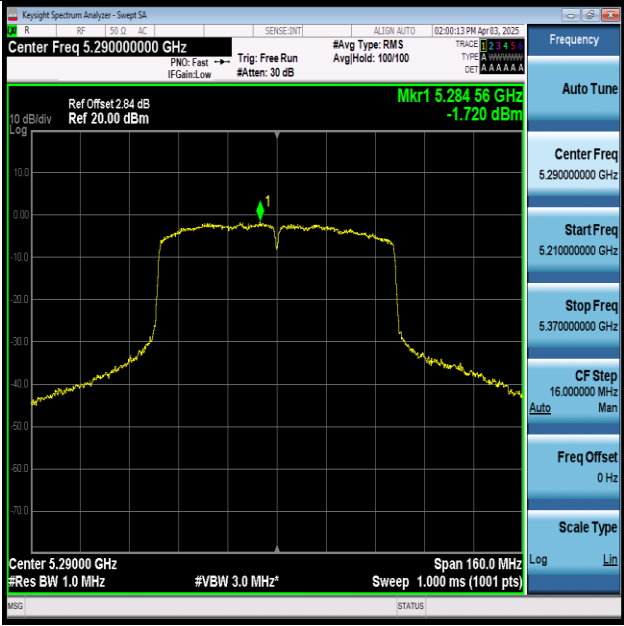
11AC40SISO-Ant1-5755-PASS



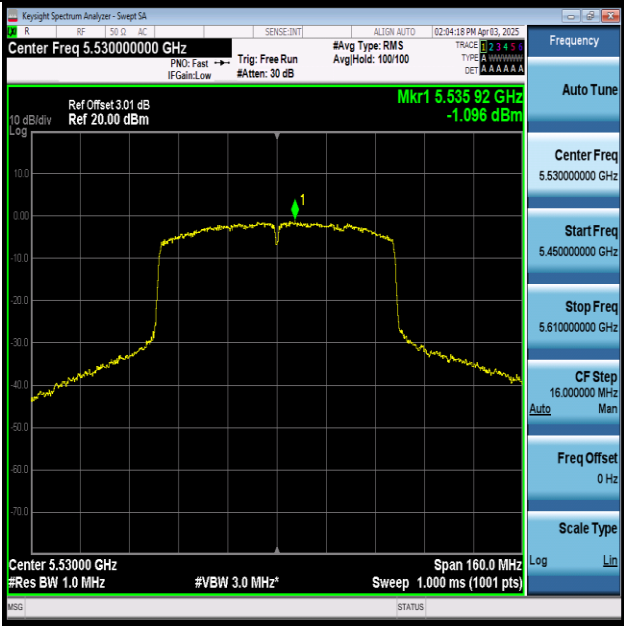
11AC40SISO-Ant1-5795-PASS



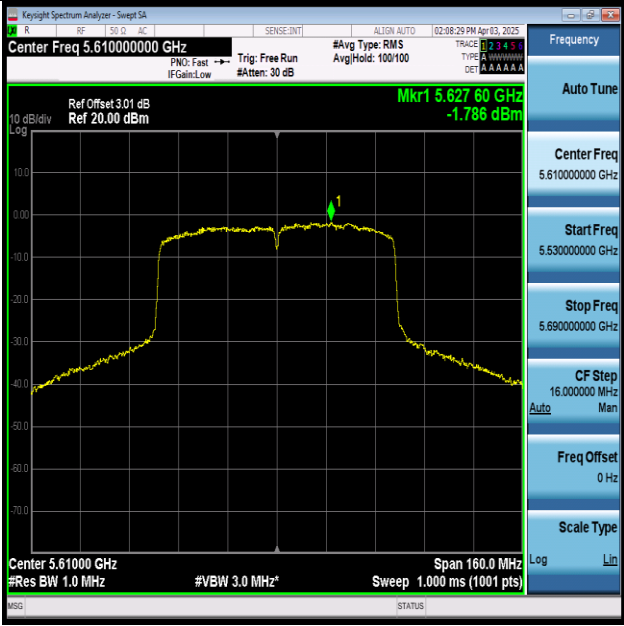
11AC80SISO-Ant1-5210-PASS



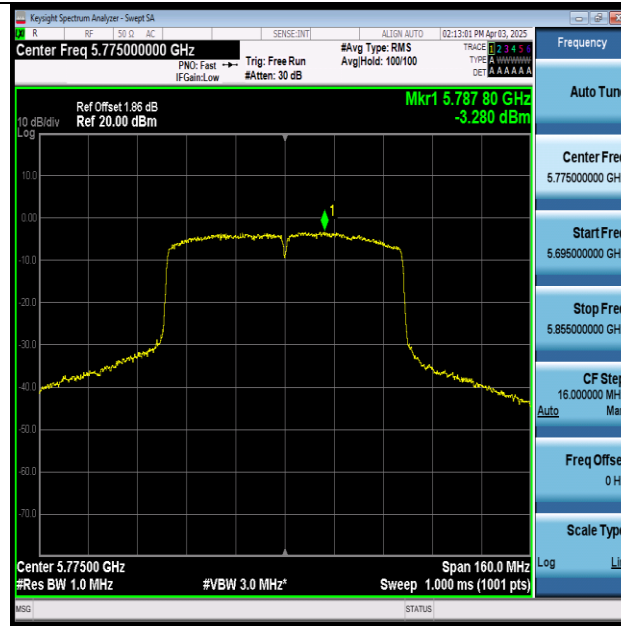
11AC80SISO-Ant1-5290-PASS



11AC80SISO-Ant1-5530-PASS



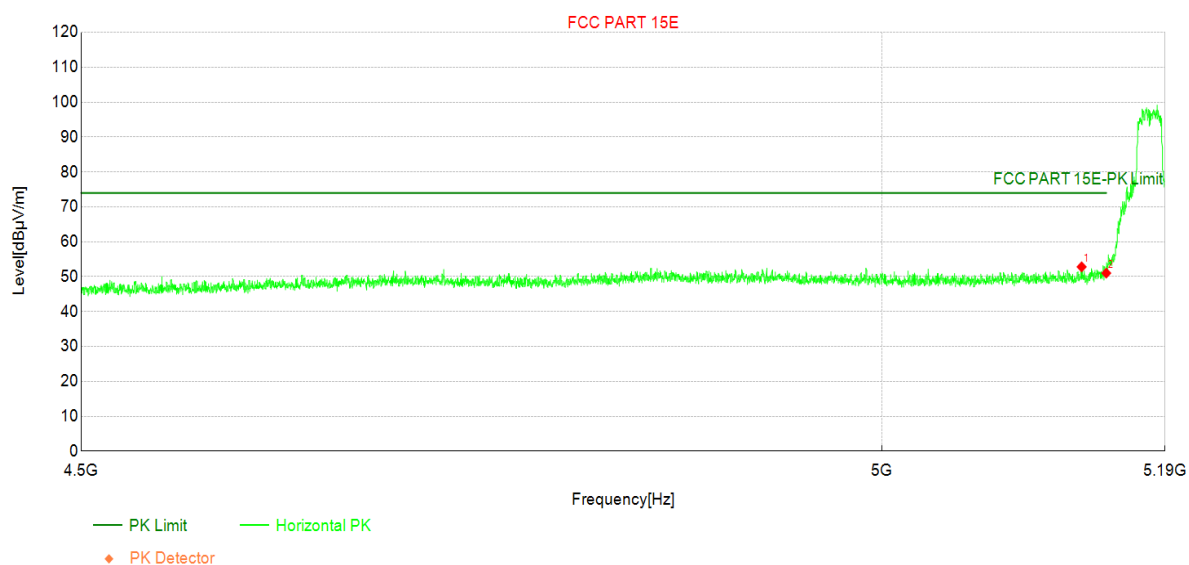
11AC80SISO-Ant1-5610-PASS



11AC80SISO-Ant1-5775-PASS

Appendix H: Radiated Emission Band Edge**Test Report****Project Information**

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5180MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25℃ ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph**Suspected Data List**

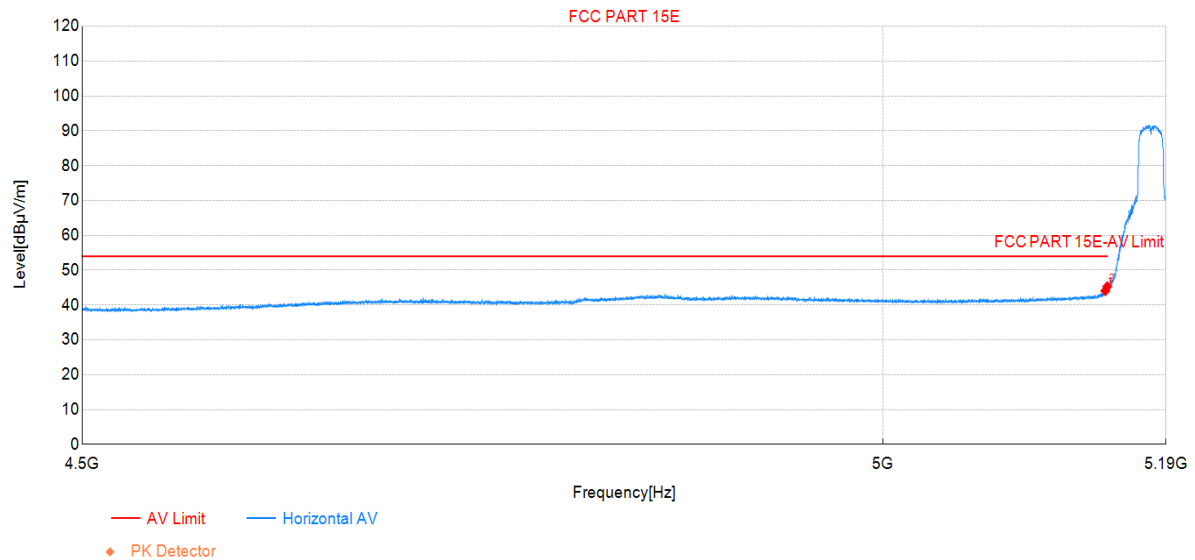
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5133.33	37.80	52.81	15.01	74.00	21.19	PK	Horizo	PASS
2	5150.00	35.91	51.02	15.11	74.00	22.98	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5180MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

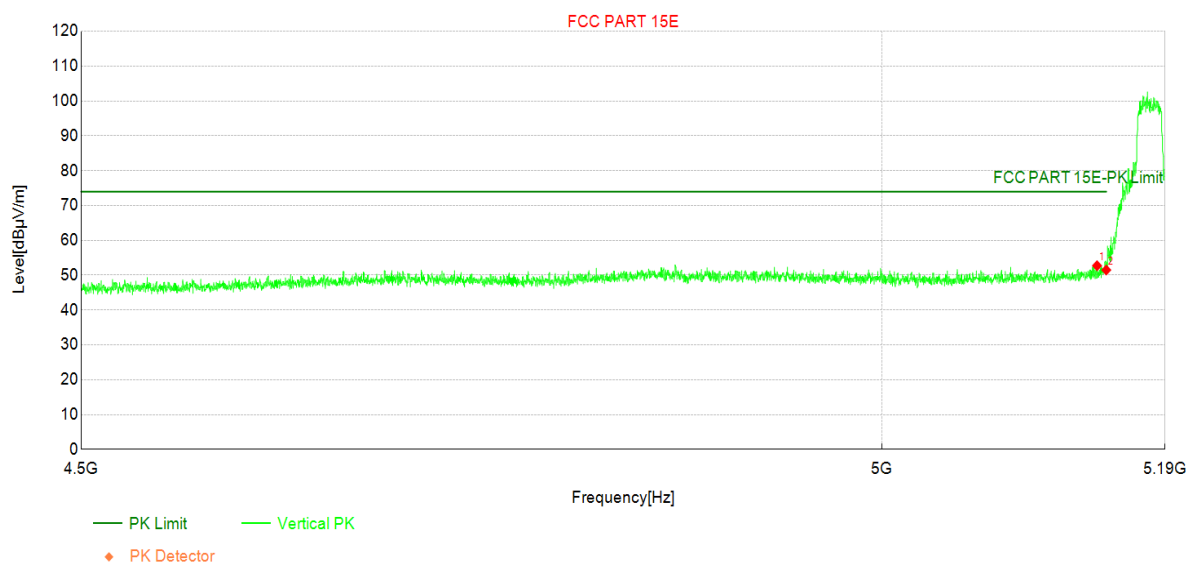
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5148.69	28.99	44.09	15.10	54.00	9.91	AV	Horizo	PASS
2	5150.00	30.18	45.29	15.11	54.00	8.71	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5180MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

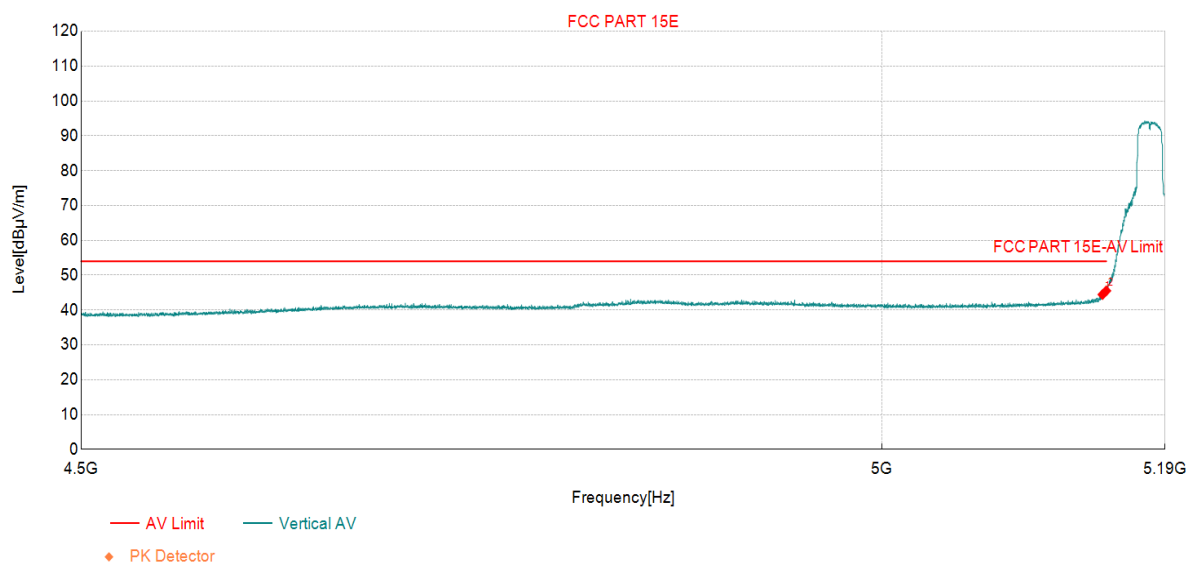
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5143.77	37.65	52.72	15.07	74.00	21.28	PK	Vertic	PASS
2	5150.00	36.37	51.48	15.11	74.00	22.52	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5180MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

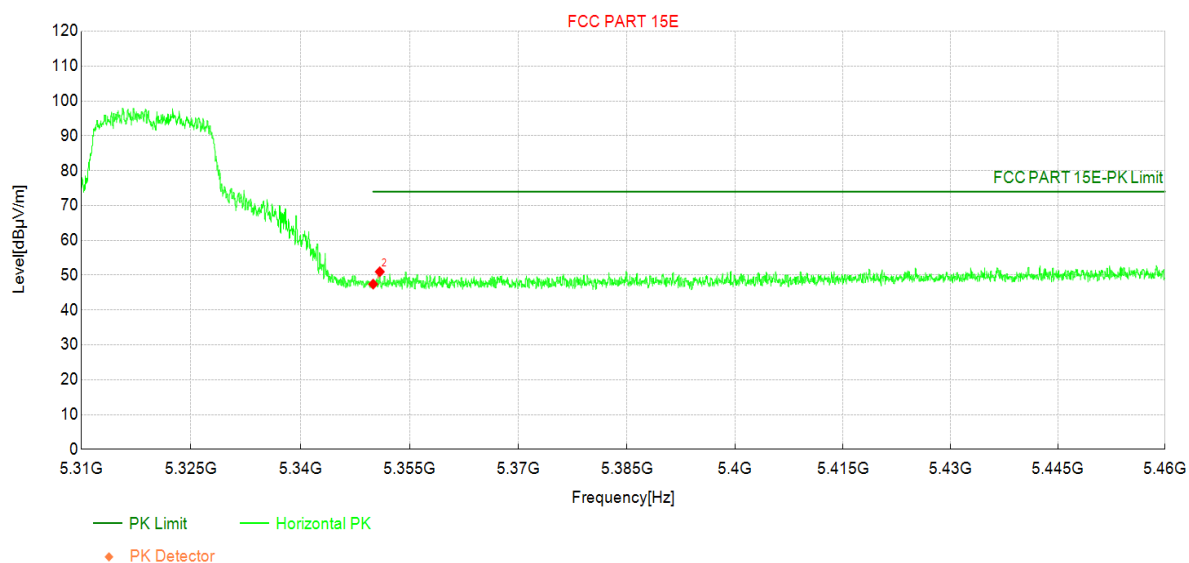
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5147.48	29.35	44.45	15.10	54.00	9.55	AV	Vertic	PASS
2	5150.00	30.41	45.52	15.11	54.00	8.48	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5320MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph

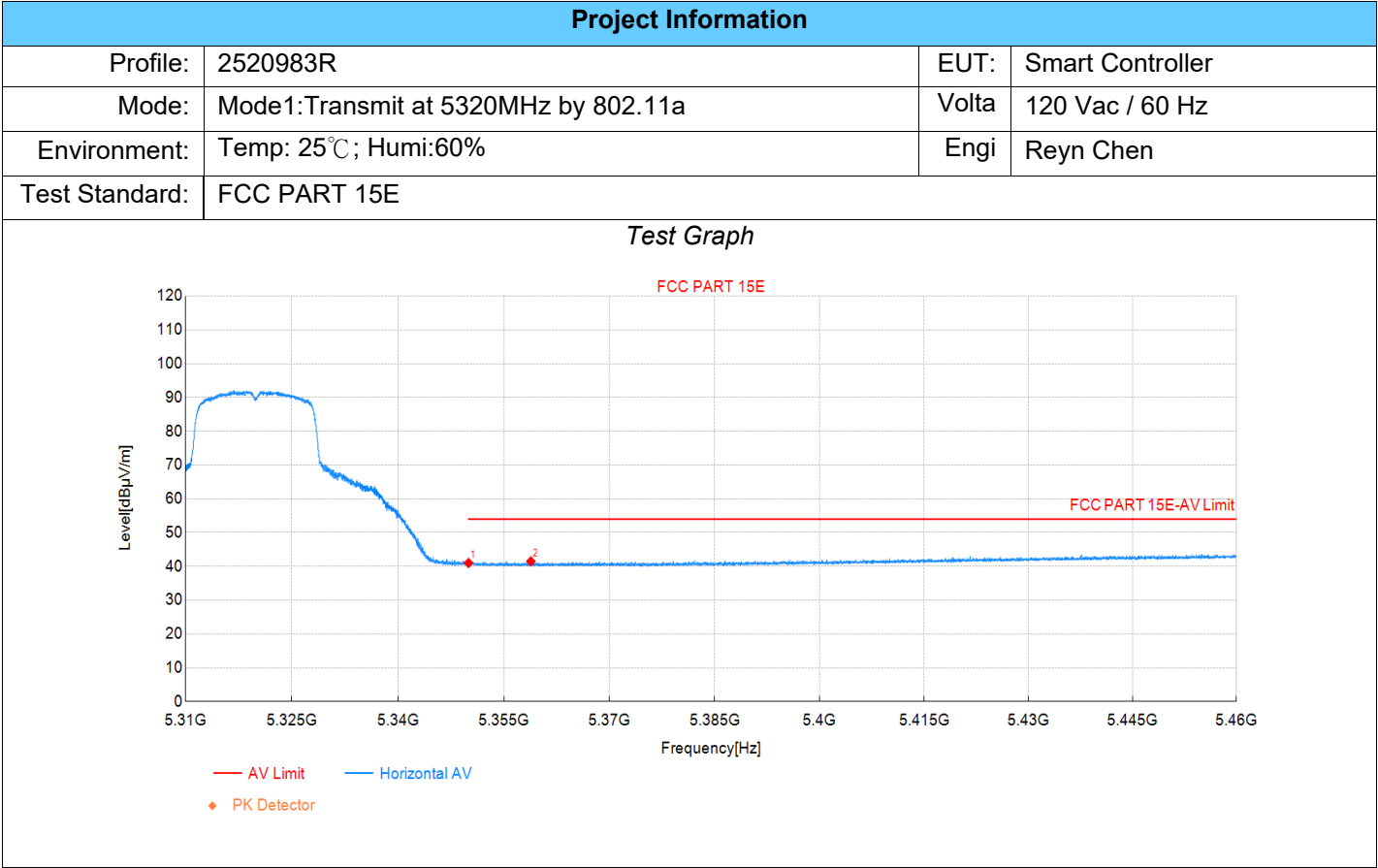


Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	31.72	47.43	15.71	74.00	26.57	PK	Horizo	PASS
2	5350.91	35.27	50.98	15.71	74.00	23.02	PK	Horizo	PASS



Test Report



Suspected Data List

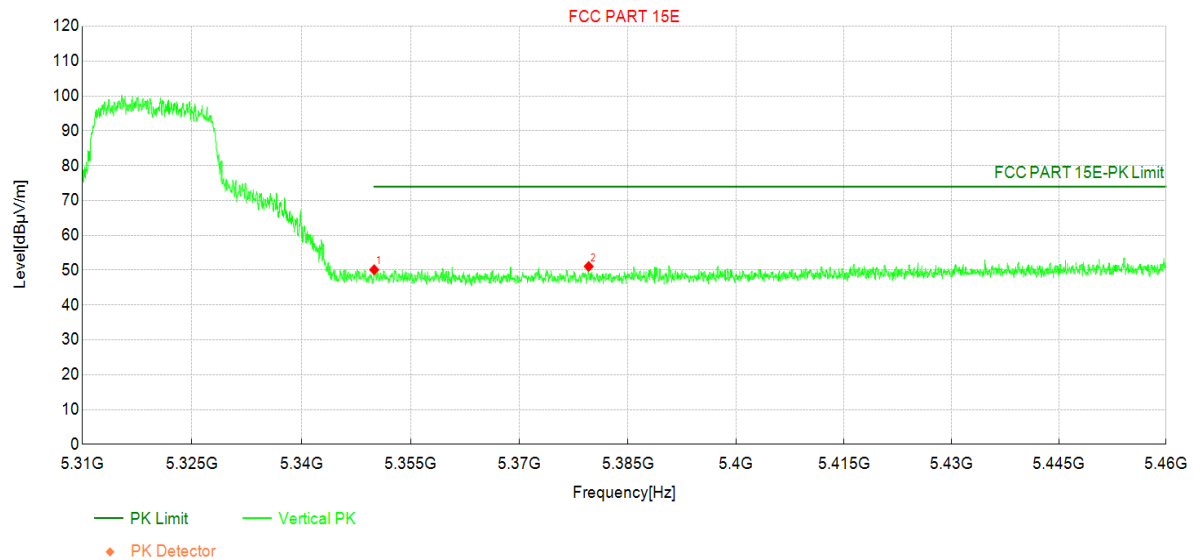
NO	Frequenc y [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdi ct
1	5350.00	25.30	41.01	15.71	54.00	12.99	AV	Horizo	PASS
2	5358.84	25.79	41.49	15.70	54.00	12.51	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5320MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

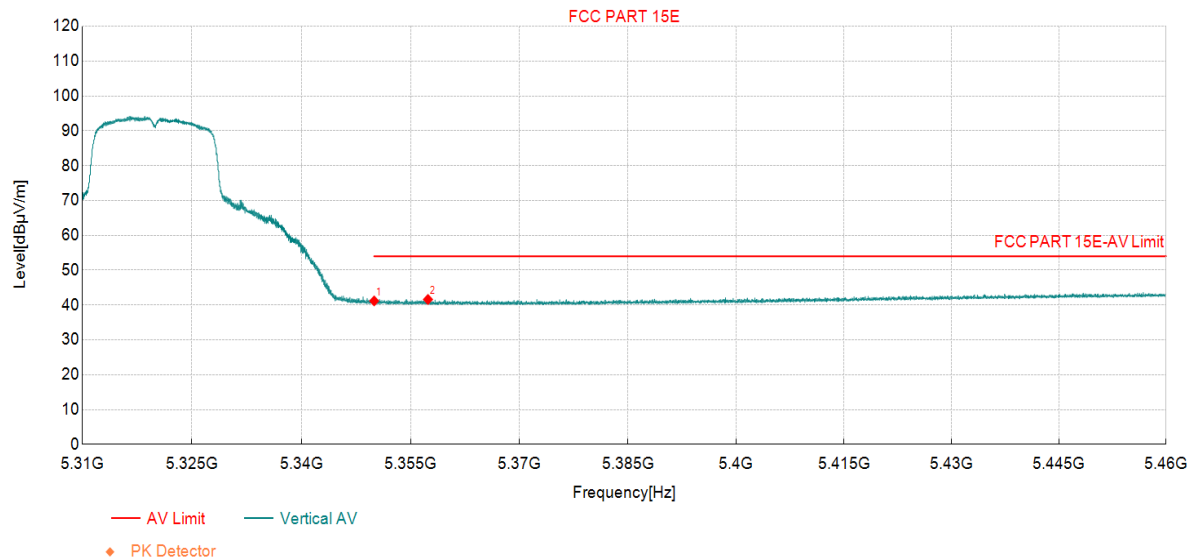
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	34.41	50.12	15.71	74.00	23.88	PK	Vertic	PASS
2	5379.58	35.41	51.08	15.67	74.00	22.92	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5320MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

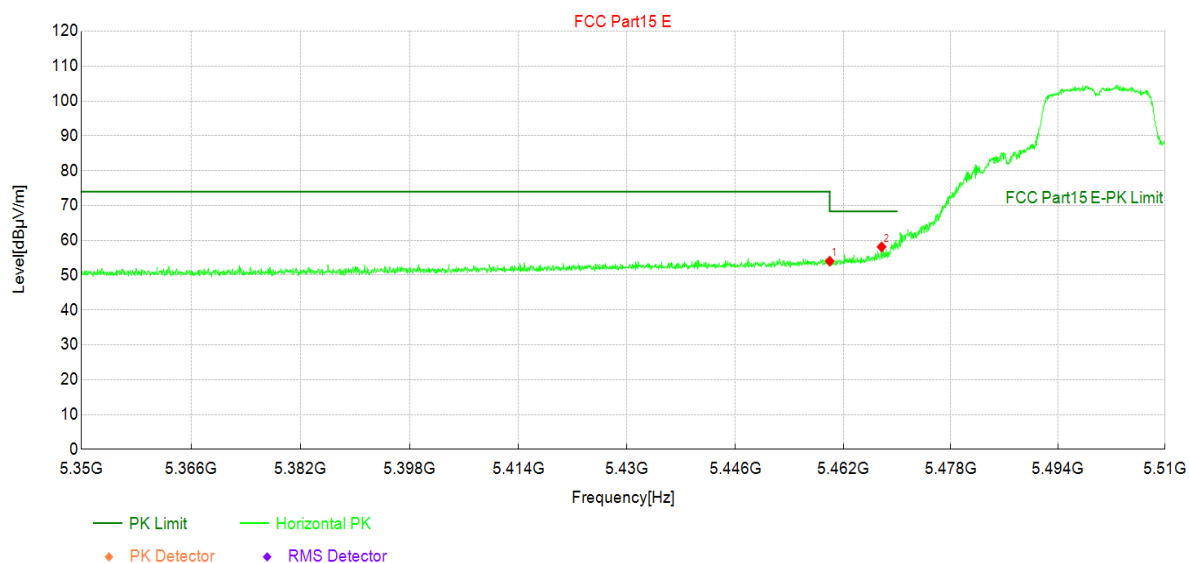
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	25.46	41.17	15.71	54.00	12.83	AV	Vertic	PASS
2	5357.40	25.90	41.60	15.70	54.00	12.40	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5500MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

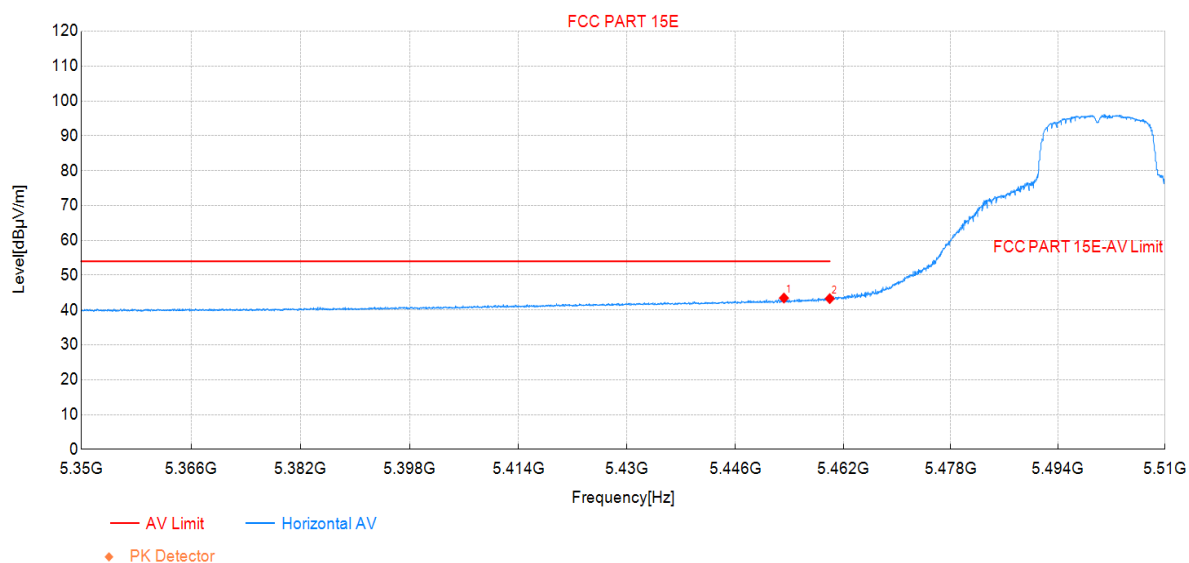
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	37.66	54.00	16.34	68.30	14.30	PK	Horizo	PASS
2	5467.71	41.69	58.12	16.43	68.30	10.18	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5500MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

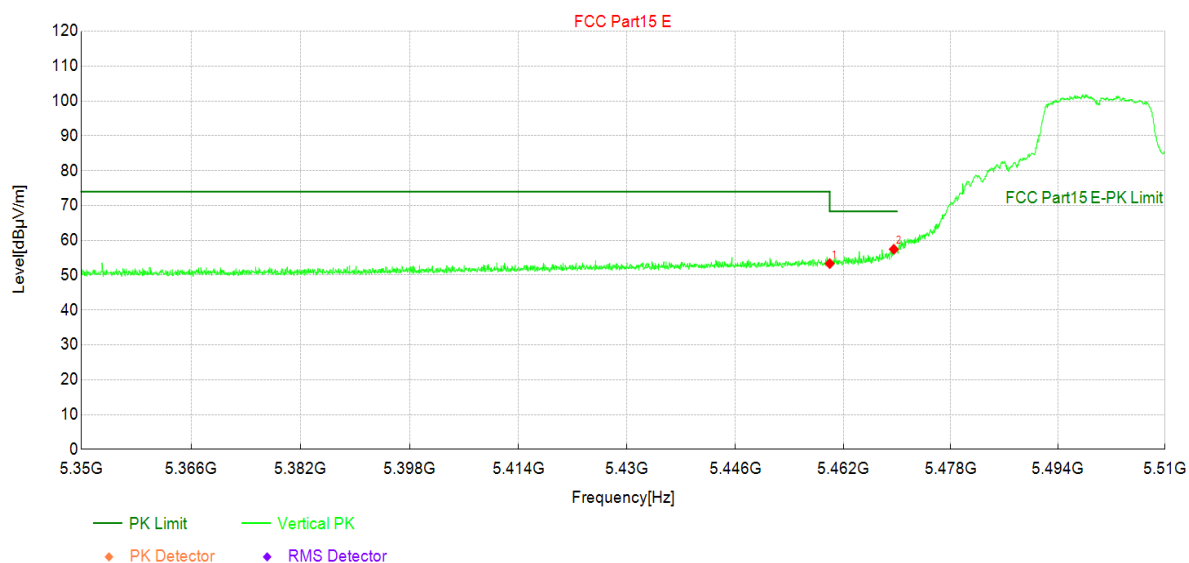
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5453.20	27.18	43.44	16.26	54.00	10.56	AV	Horizo	PASS
2	5460.00	26.93	43.27	16.34	54.00	10.73	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5500MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

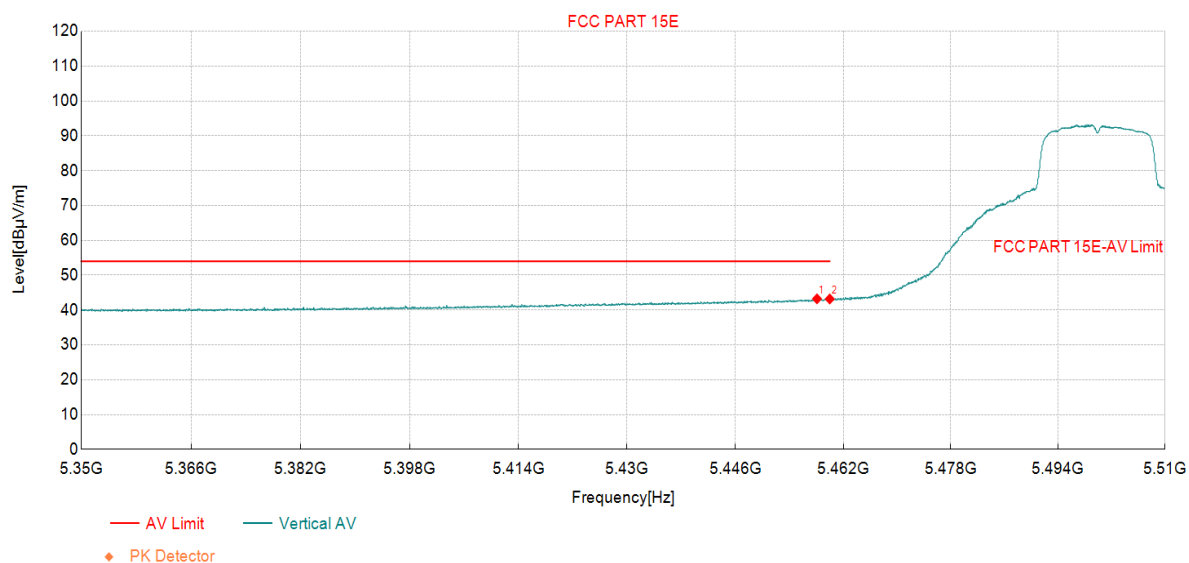
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	36.98	53.32	16.34	68.30	14.98	PK	Vertic	PASS
2	5469.52	40.98	57.43	16.45	68.30	10.87	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5500MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

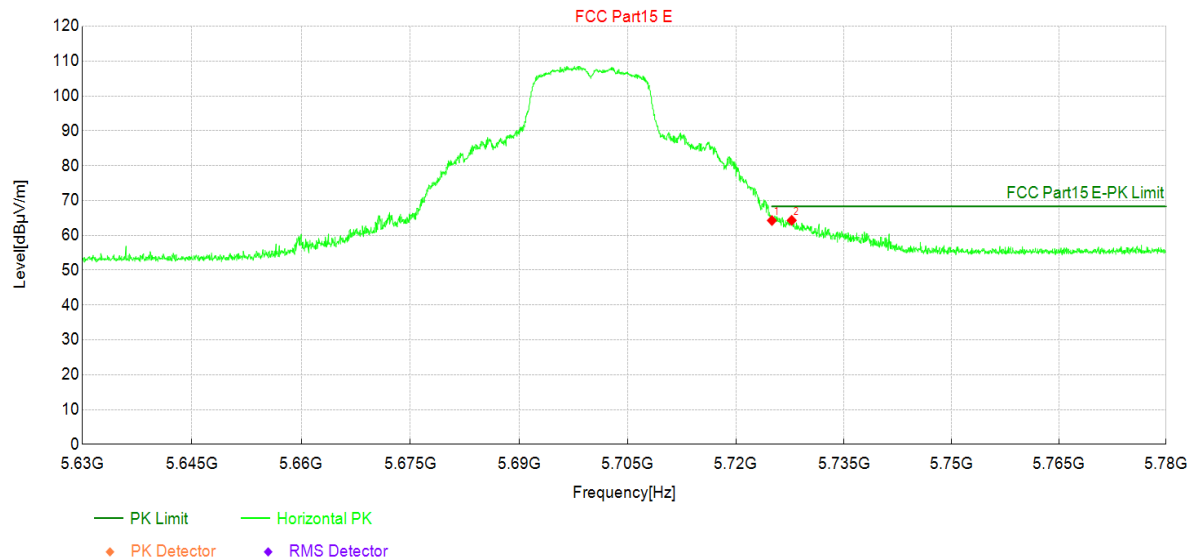
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5458.11	26.90	43.21	16.31	54.00	10.79	AV	Vertic	PASS
2	5460.00	26.83	43.17	16.34	54.00	10.83	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5700MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

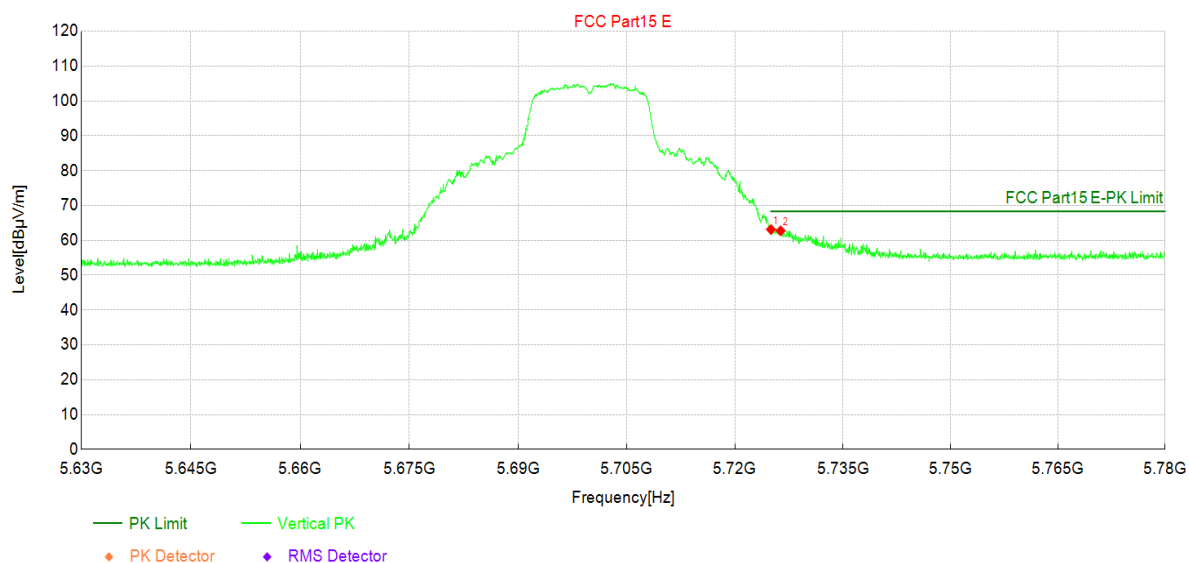
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	45.59	64.26	18.67	68.30	4.04	PK	Horizo	PASS
2	5727.75	45.64	64.30	18.66	68.30	4.00	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5700MHz by 802.11a	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

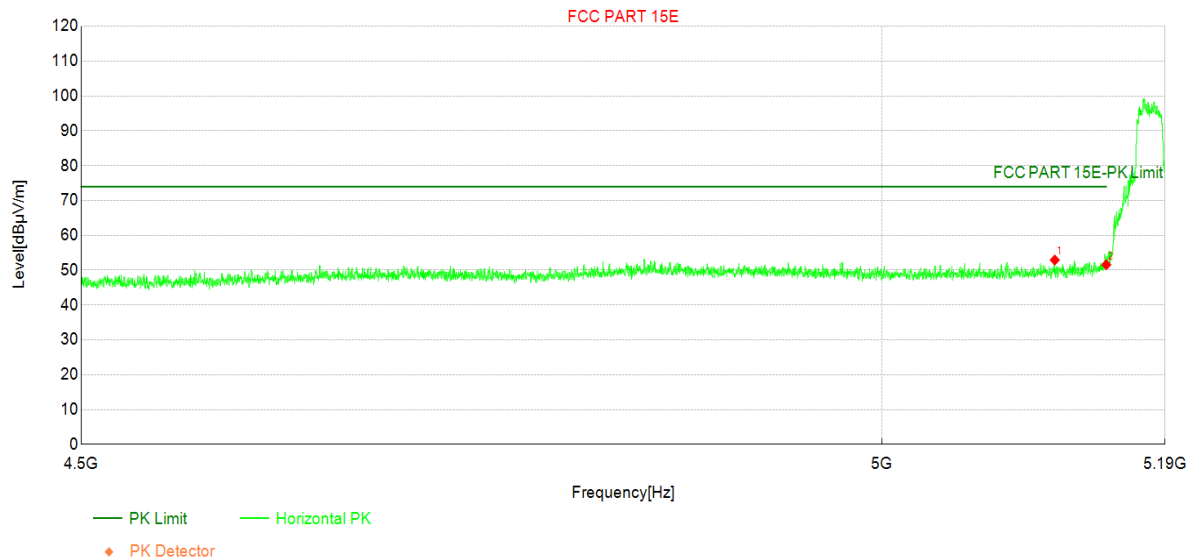
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	44.45	63.12	18.67	68.30	5.18	PK	Vertic	PASS
2	5726.35	44.07	62.73	18.66	68.30	5.57	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5180MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

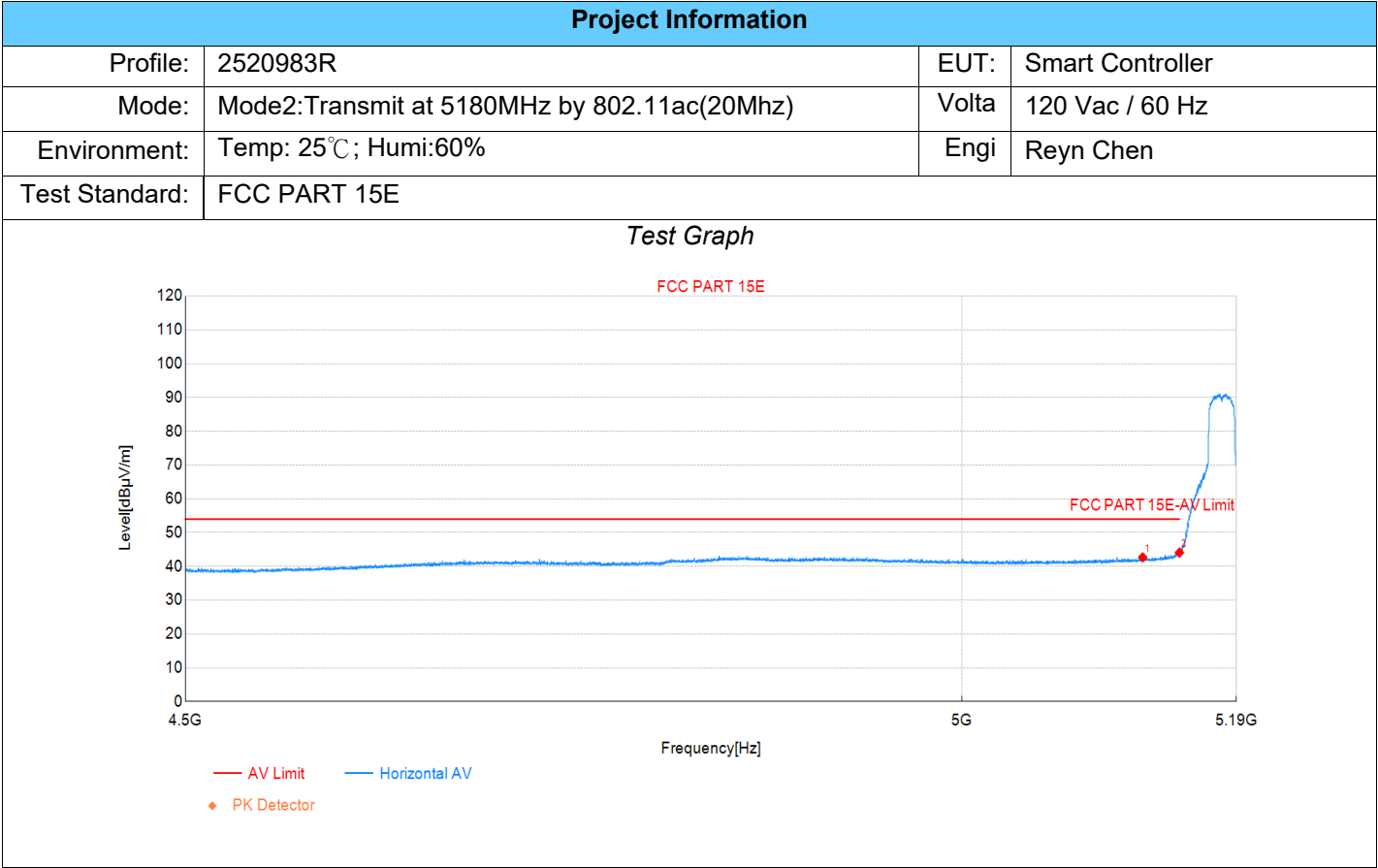
Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5115.22	38.01	52.91	14.90	74.00	21.09	PK	Horizo	PASS
2	5150.00	36.45	51.56	15.11	74.00	22.44	PK	Horizo	PASS

Test Report



Suspected Data List

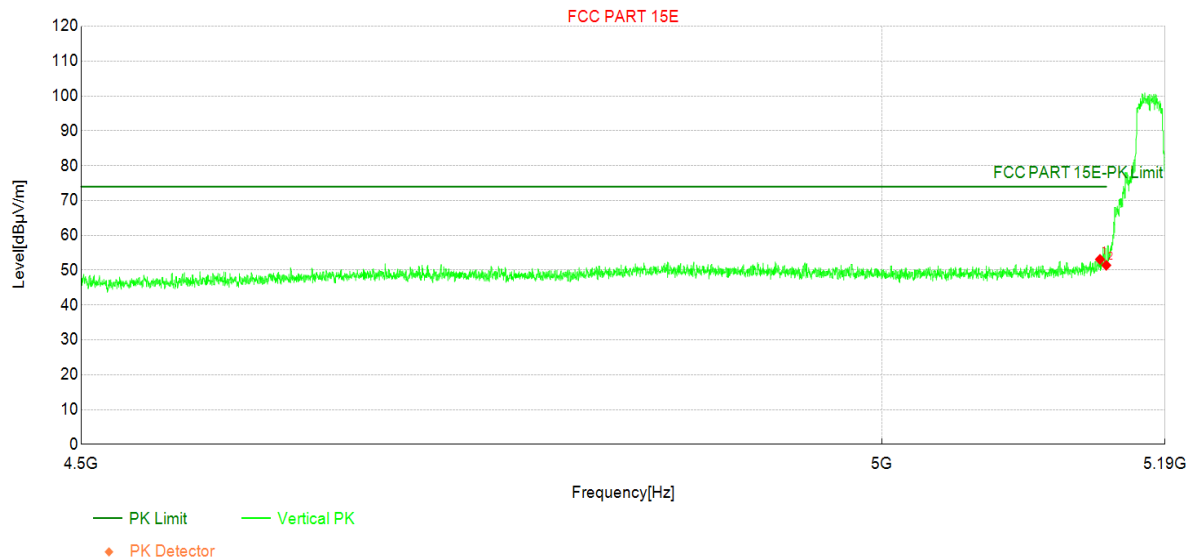
NO	Frequenc y [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdi ct
1	5124.36	27.73	42.69	14.96	54.00	11.31	AV	Horizo	PASS
2	5150.00	28.98	44.09	15.11	54.00	9.91	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5180MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

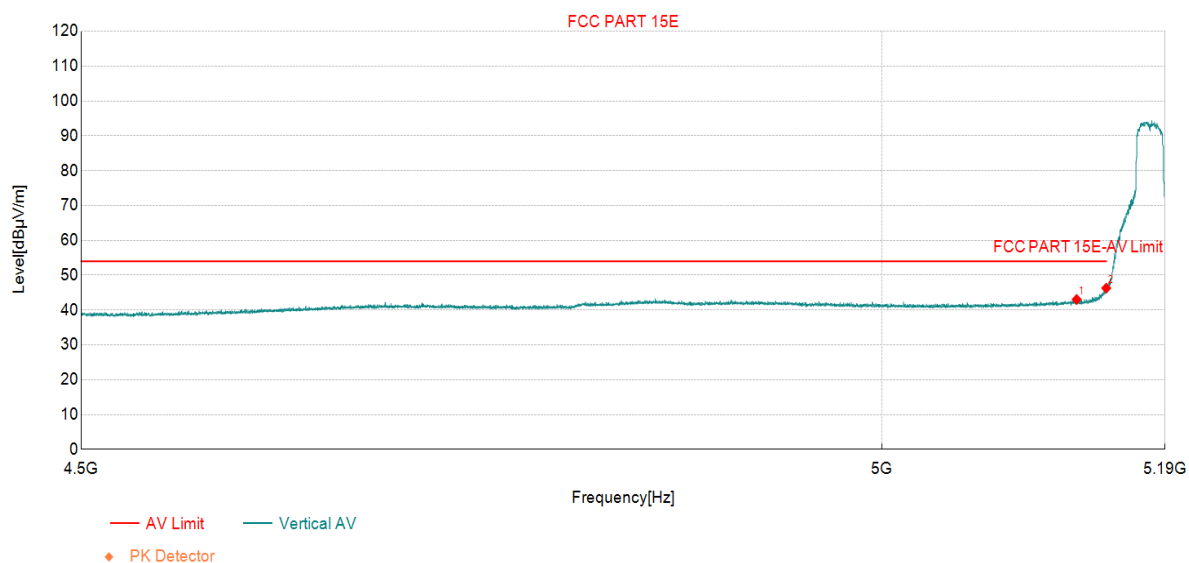
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5145.75	38.00	53.09	15.09	74.00	20.91	PK	Vertic	PASS
2	5150.00	36.29	51.40	15.11	74.00	22.60	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5180MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

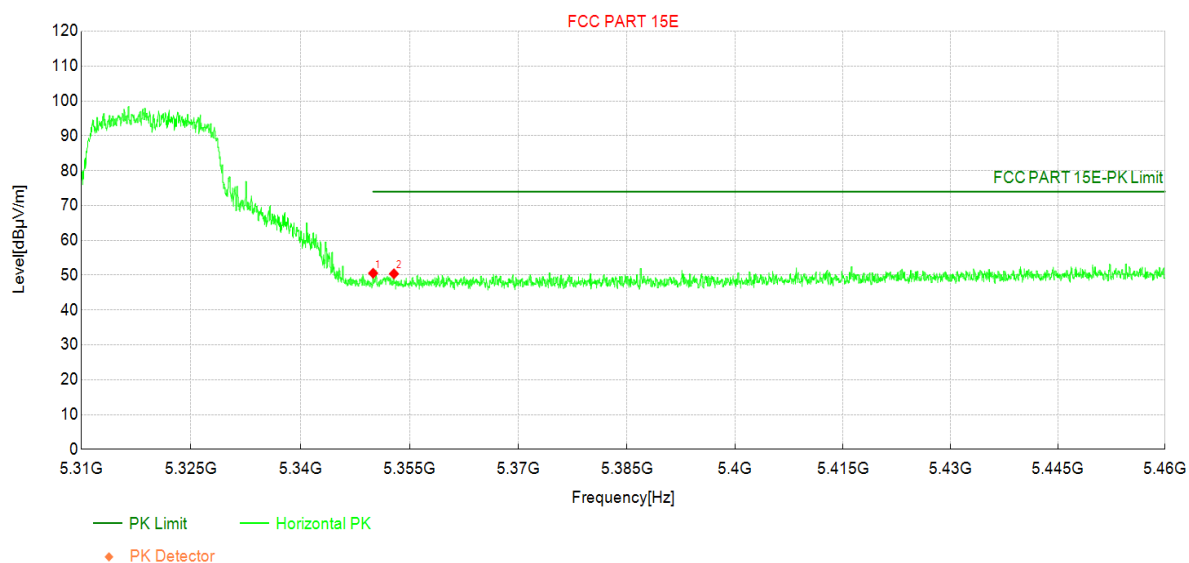
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5129.97	28.04	43.03	14.99	54.00	10.97	AV	Vertic	PASS
2	5150.00	31.18	46.29	15.11	54.00	7.71	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5320MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

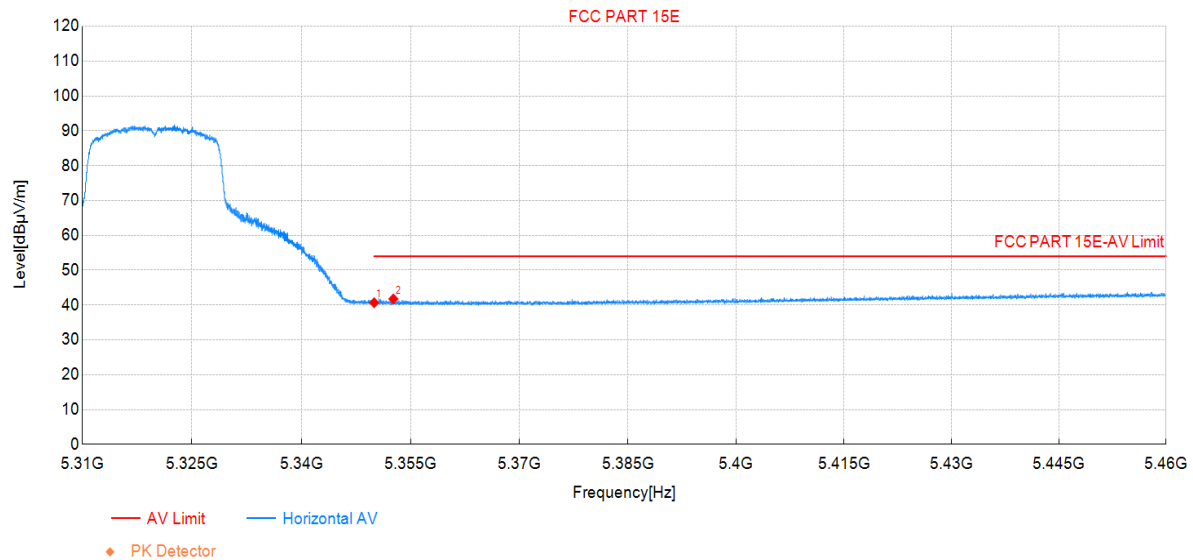
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	34.85	50.56	15.71	74.00	23.44	PK	Horizo	PASS
2	5352.86	34.69	50.40	15.71	74.00	23.60	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5320MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

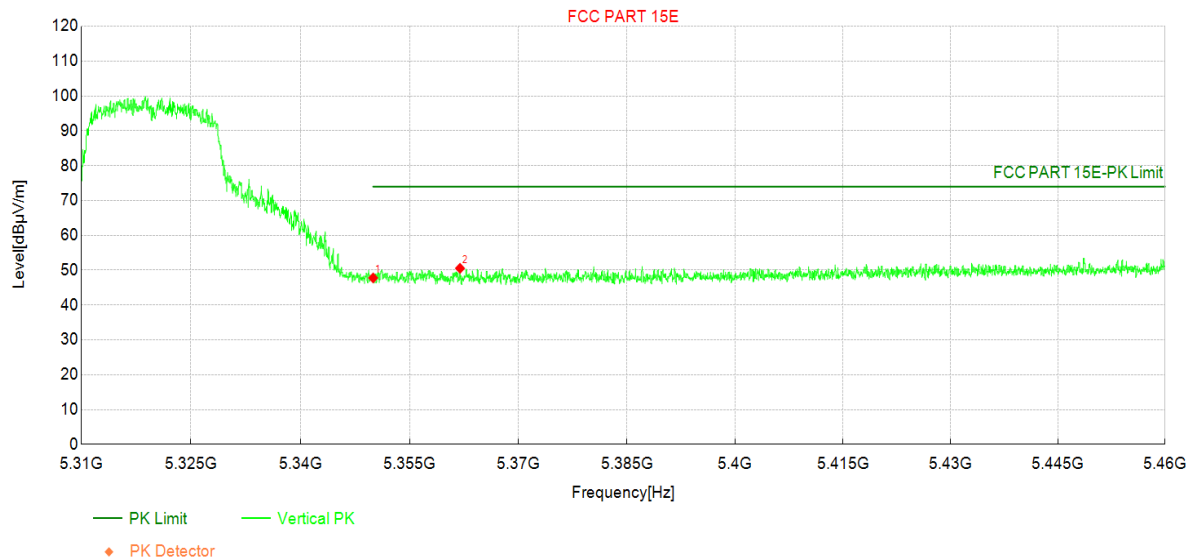
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	24.95	40.66	15.71	54.00	13.34	AV	Horizo	PASS
2	5352.64	26.03	41.74	15.71	54.00	12.26	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5320MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

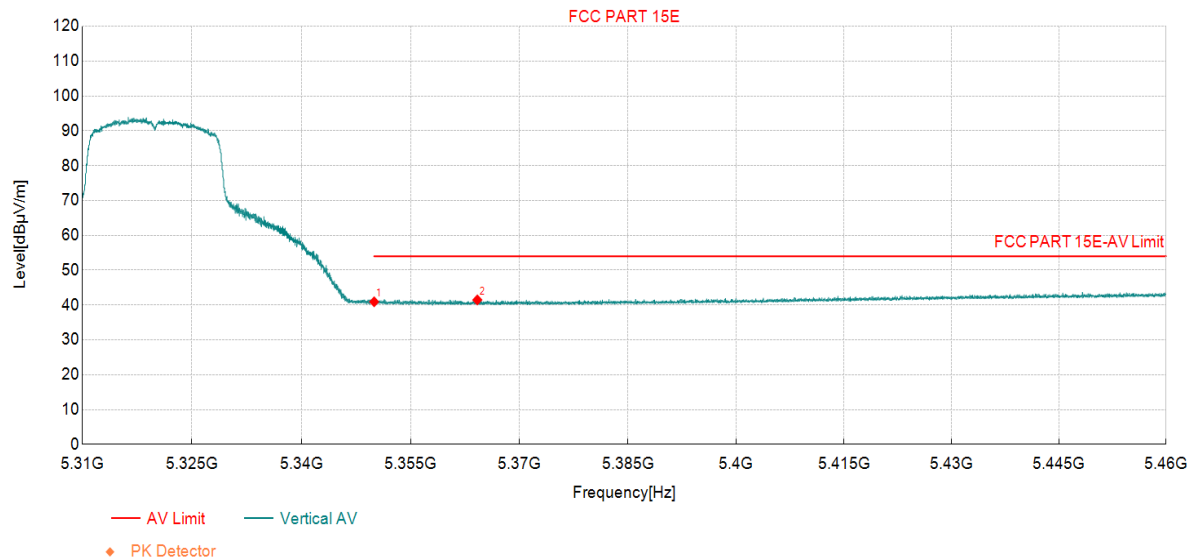
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	32.06	47.77	15.71	74.00	26.23	PK	Vertic	PASS
2	5361.96	34.85	50.54	15.69	74.00	23.46	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5320MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

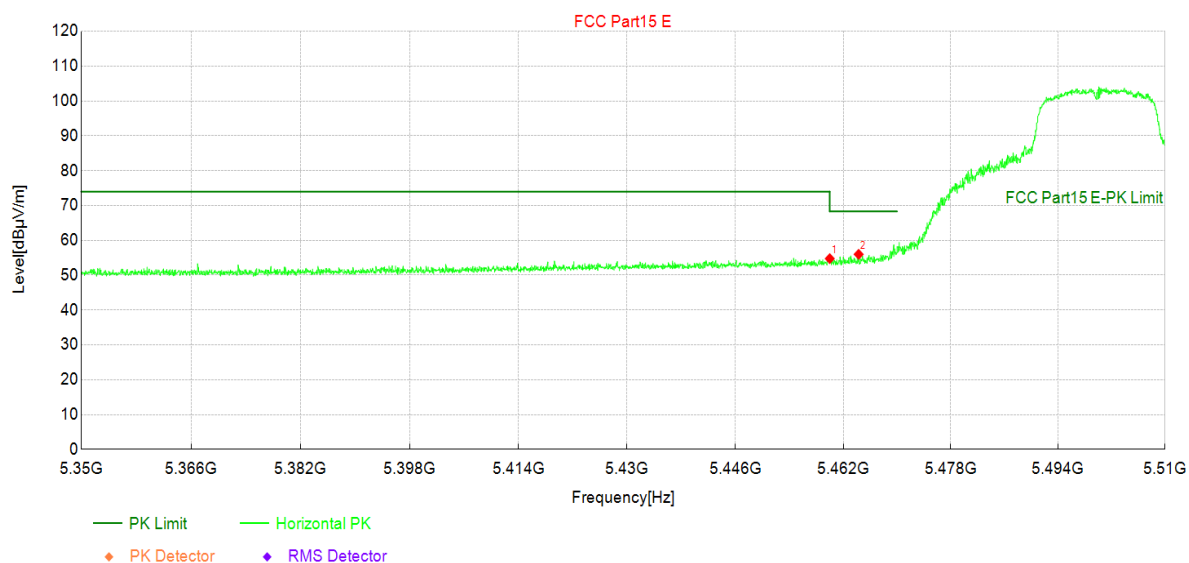
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	25.22	40.93	15.71	54.00	13.07	AV	Vertic	PASS
2	5364.21	25.78	41.47	15.69	54.00	12.53	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5500MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

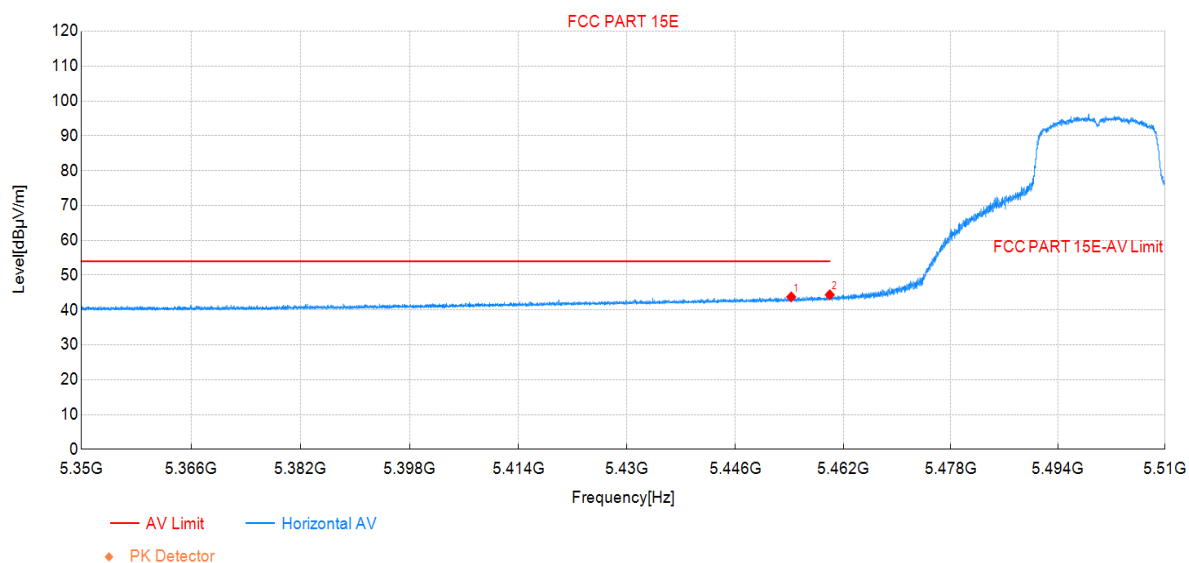
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	38.41	54.75	16.34	68.30	13.55	PK	Horizo	PASS
2	5464.29	39.60	55.99	16.39	68.30	12.31	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5500MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

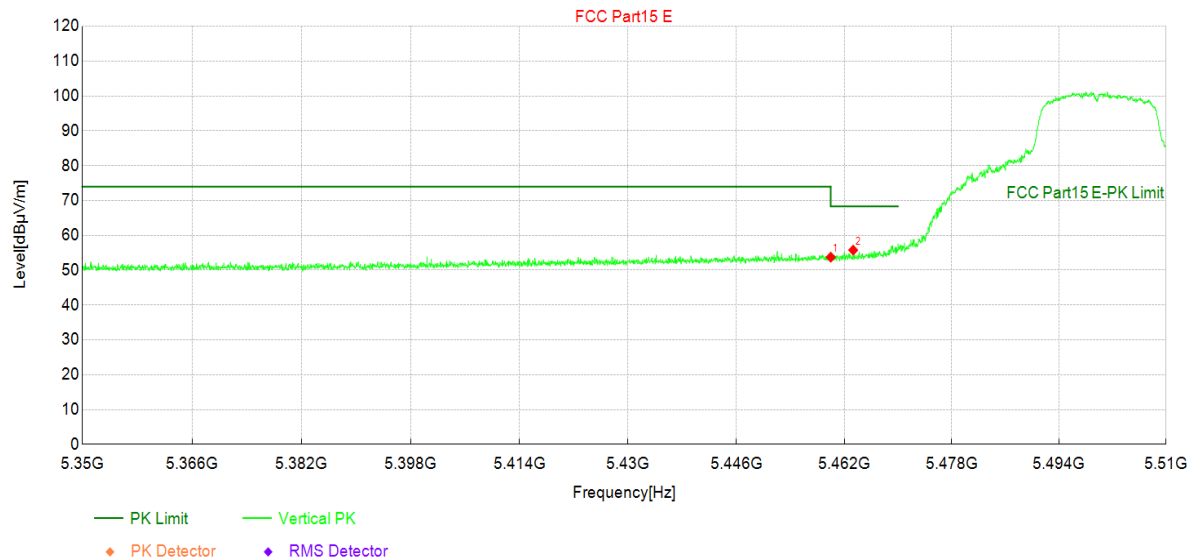
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5454.28	27.50	43.77	16.27	54.00	10.23	AV	Horizo	PASS
2	5460.00	28.02	44.36	16.34	54.00	9.64	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5500MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

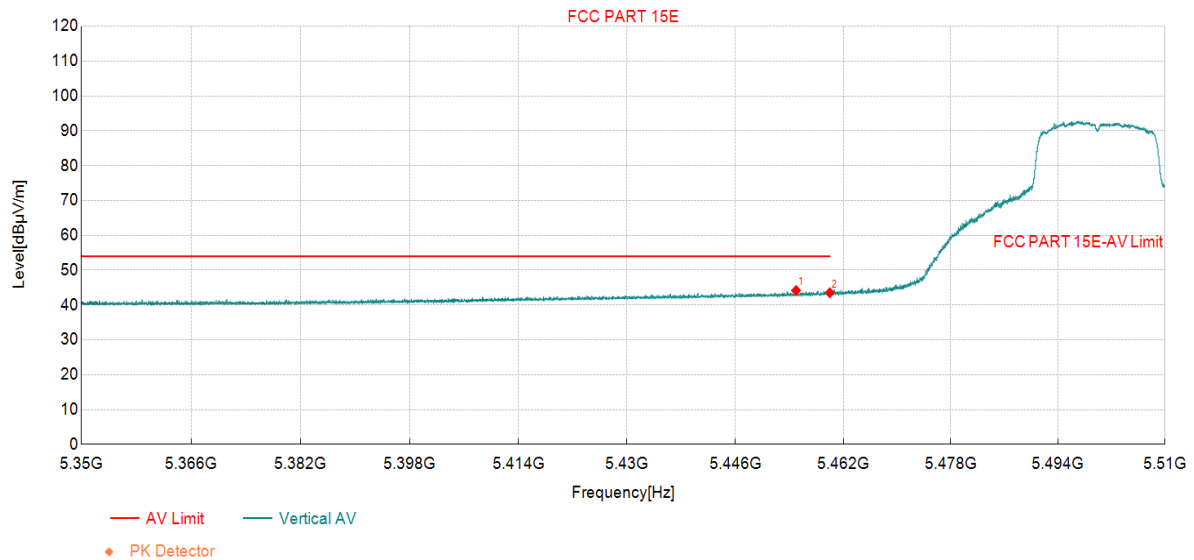
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	37.39	53.73	16.34	68.30	14.57	PK	Vertic	PASS
2	5463.33	39.37	55.75	16.38	68.30	12.55	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5500MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

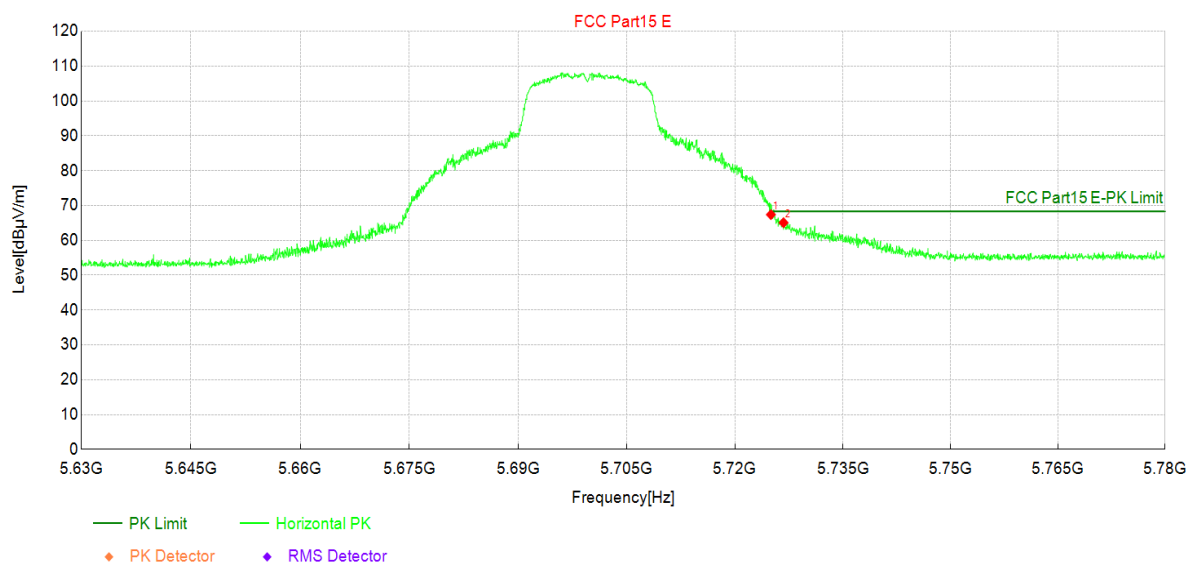
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5455.00	27.87	44.16	16.29	54.00	9.84	AV	Vertic	PASS
2	5460.00	27.17	43.51	16.34	54.00	10.49	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5700MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

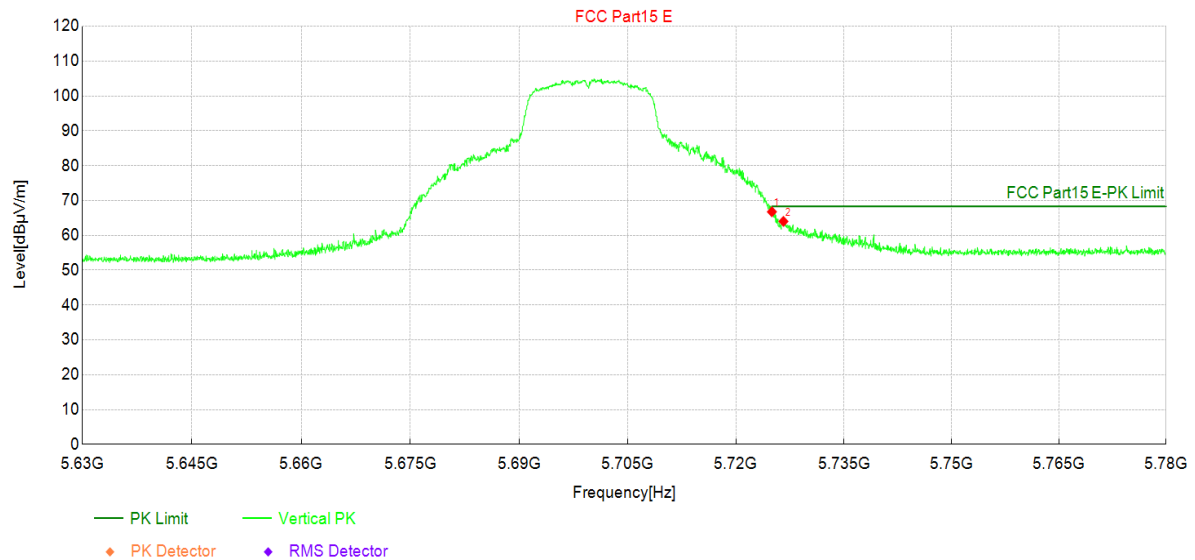
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	48.71	67.38	18.67	68.30	0.92	PK	Horizo	PASS
2	5726.75	46.41	65.07	18.66	68.30	3.23	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5700MHz by 802.11ac(20Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

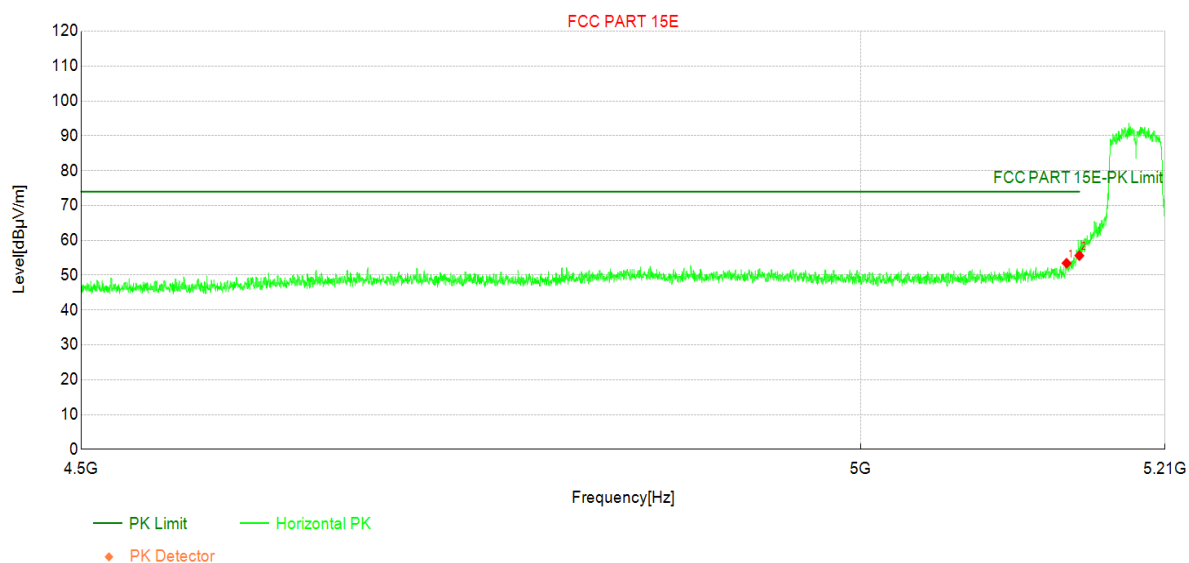
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	48.09	66.76	18.67	68.30	1.54	PK	Vertic	PASS
2	5726.60	45.35	64.01	18.66	68.30	4.29	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5190MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

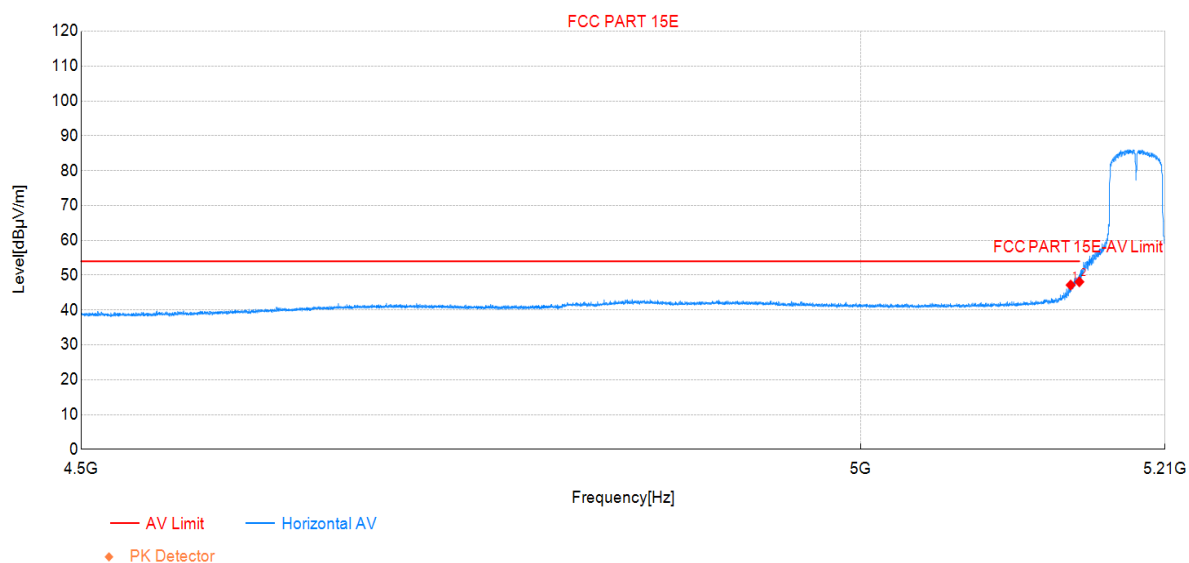
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5141.13	38.38	53.44	15.06	74.00	20.56	PK	Horizo	PASS
2	5150.00	40.50	55.61	15.11	74.00	18.39	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5190MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

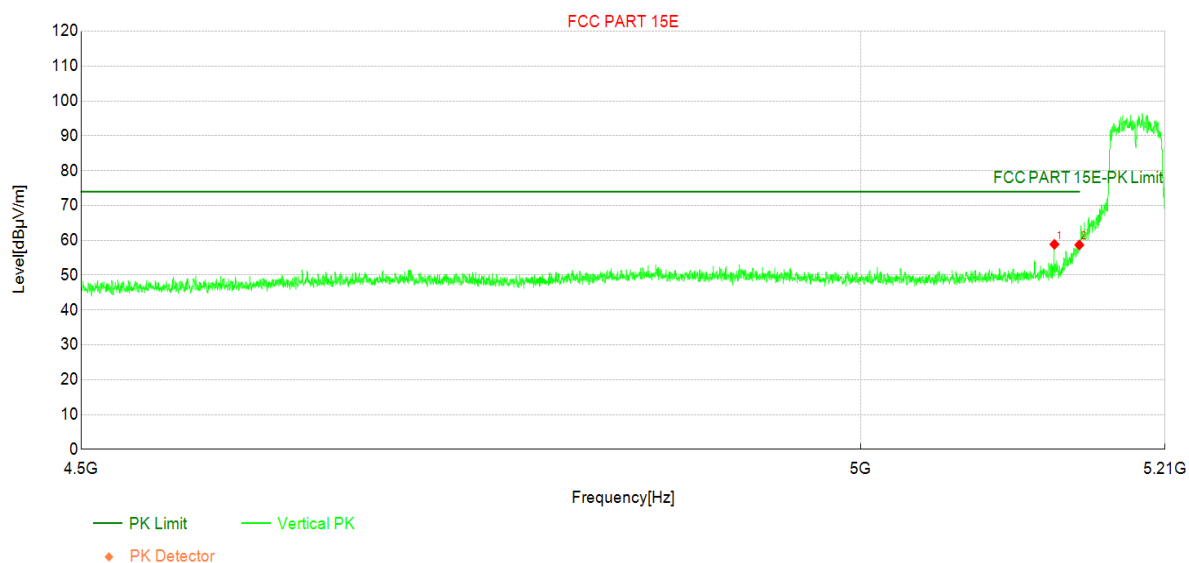
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5143.97	32.09	47.17	15.08	54.00	6.83	AV	Horizo	PASS
2	5150.00	32.98	48.09	15.11	54.00	5.91	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5190MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

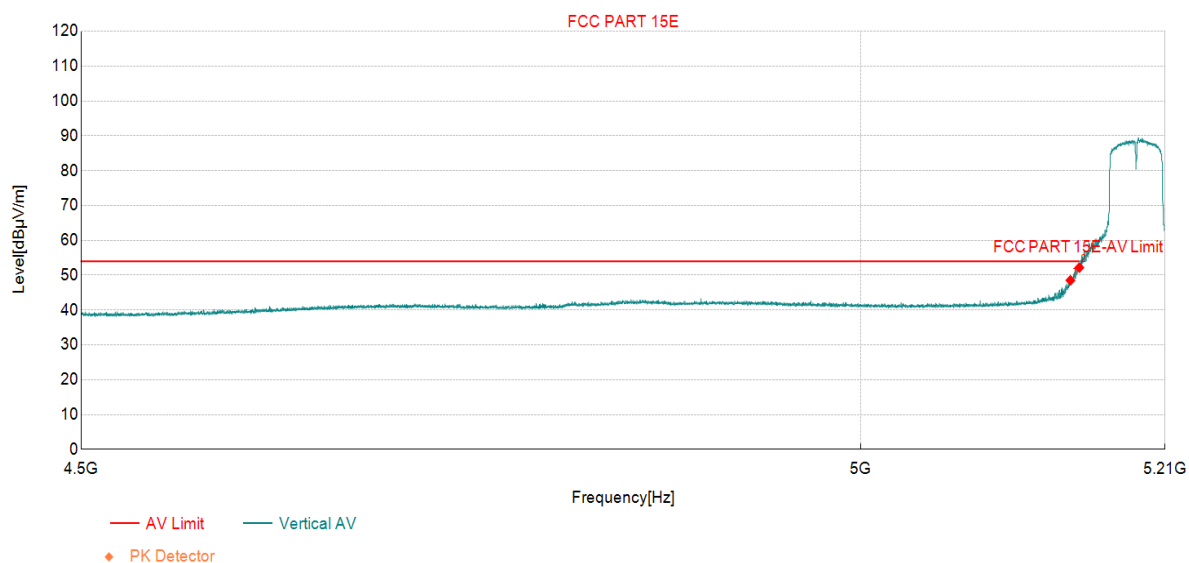
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5132.70	43.84	58.85	15.01	74.00	15.15	PK	Vertic	PASS
2	5150.00	43.58	58.69	15.11	74.00	15.31	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5190MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

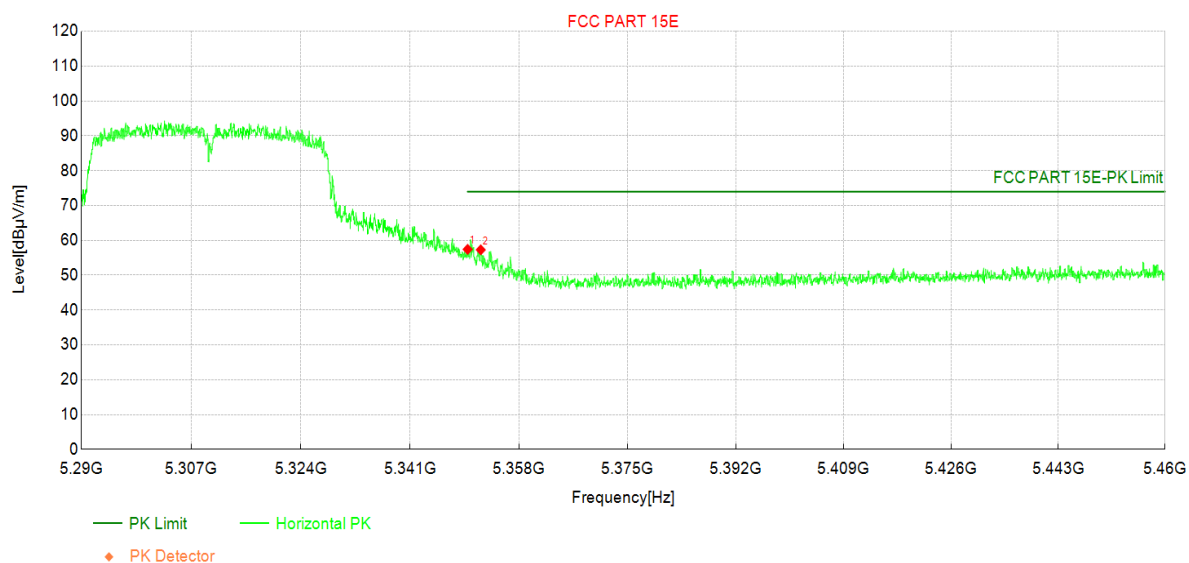
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5143.79	33.45	48.52	15.07	54.00	5.48	AV	Vertic	PASS
2	5150.00	37.06	52.17	15.11	54.00	1.83	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5310MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

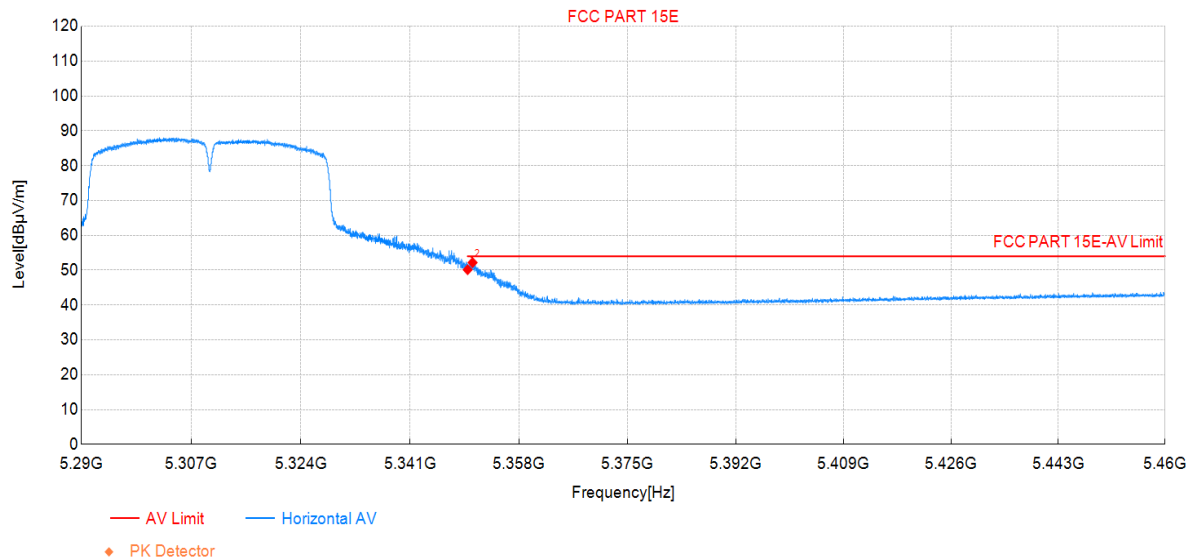
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	41.70	57.41	15.71	74.00	16.59	PK	Horizo	PASS
2	5352.05	41.57	57.28	15.71	74.00	16.72	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5310MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

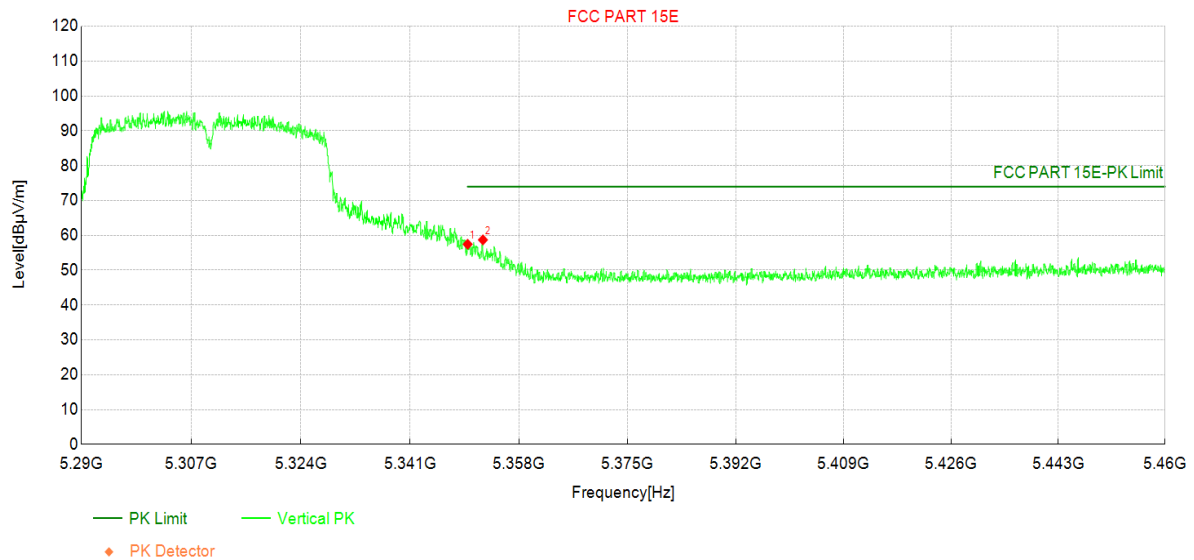
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	34.43	50.14	15.71	54.00	3.86	AV	Horizo	PASS
2	5350.78	36.48	52.19	15.71	54.00	1.81	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5310MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

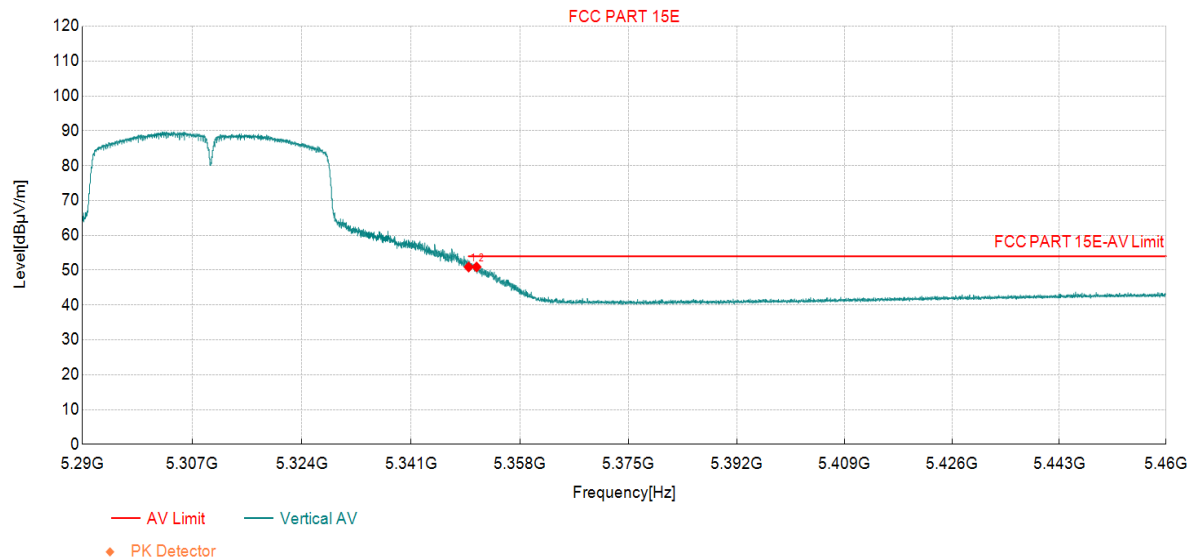
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	41.73	57.44	15.71	74.00	16.56	PK	Vertic	PASS
2	5352.39	42.99	58.70	15.71	74.00	15.30	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5310MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

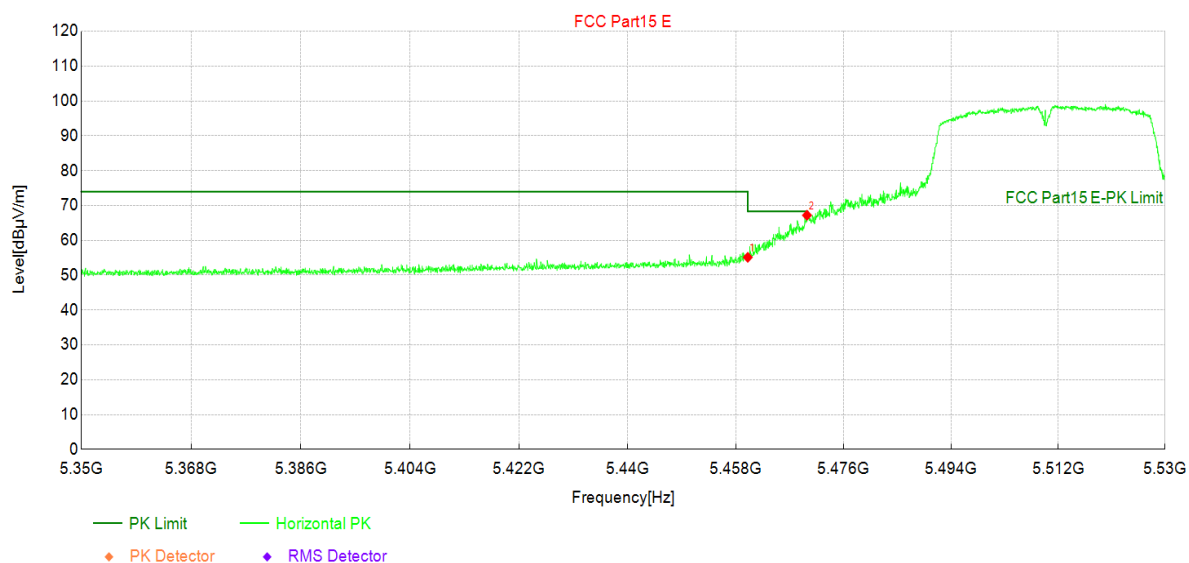
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	35.20	50.91	15.71	54.00	3.09	AV	Vertic	PASS
2	5351.24	35.21	50.92	15.71	54.00	3.08	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5510MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

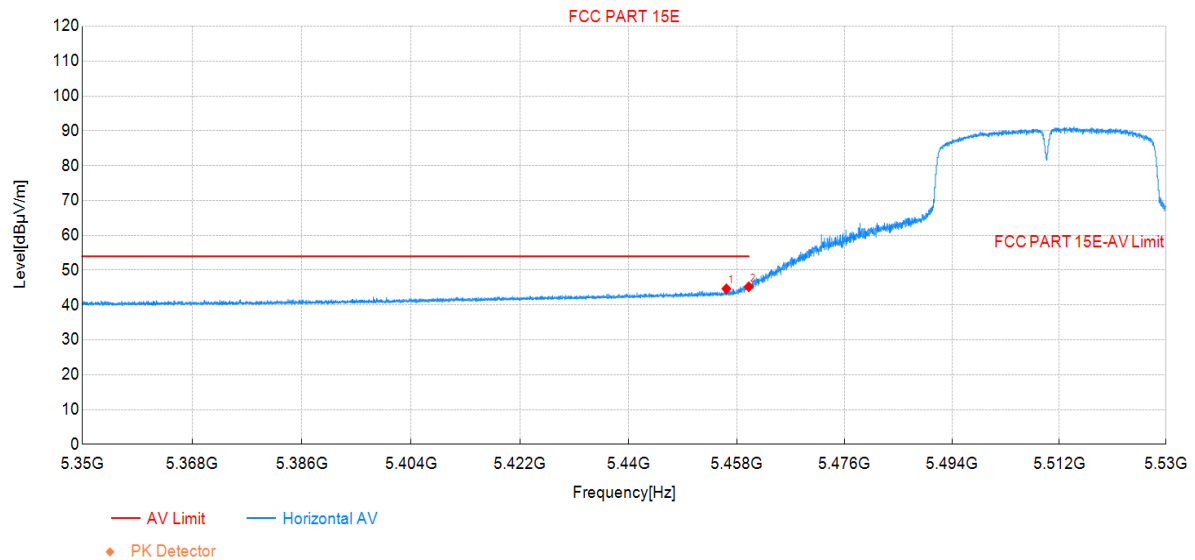
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	38.78	55.12	16.34	68.30	13.18	PK	Horizo	PASS
2	5469.88	50.75	67.20	16.45	68.30	1.10	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5510MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

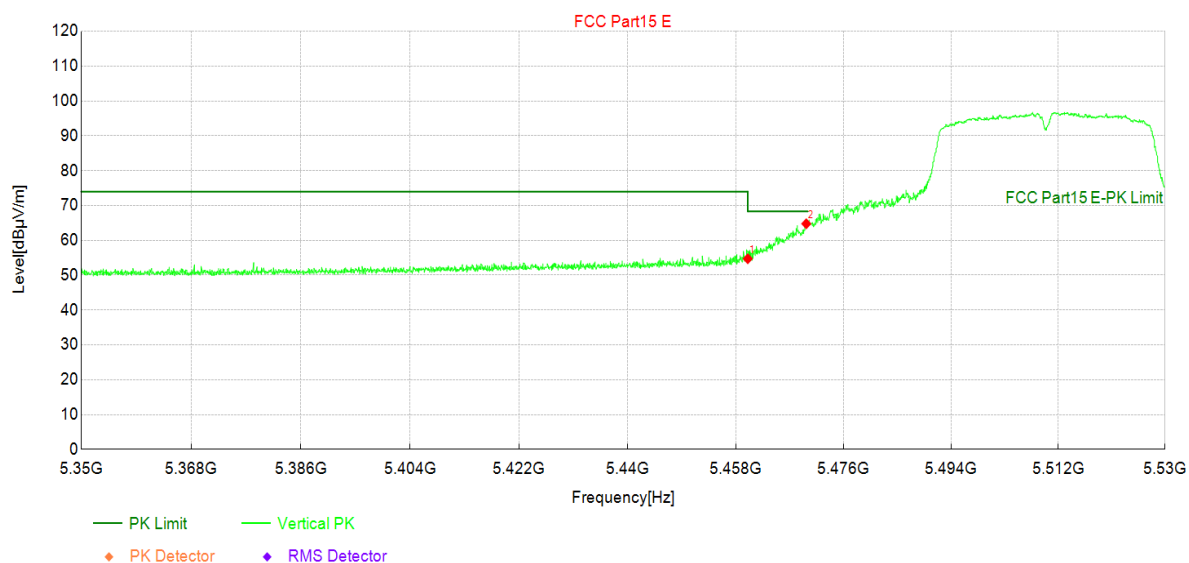
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5456.27	28.37	44.67	16.30	54.00	9.33	AV	Horizo	PASS
2	5460.00	28.90	45.24	16.34	54.00	8.76	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5510MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

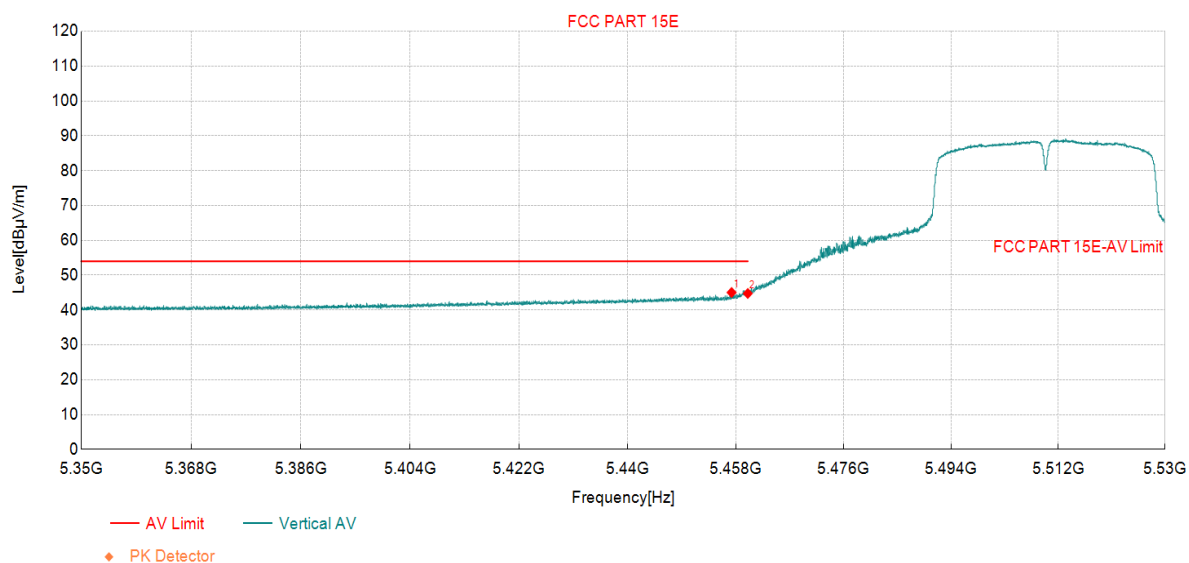
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	38.38	54.72	16.34	68.30	13.58	PK	Vertic	PASS
2	5469.76	48.31	64.76	16.45	68.30	3.54	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5510MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

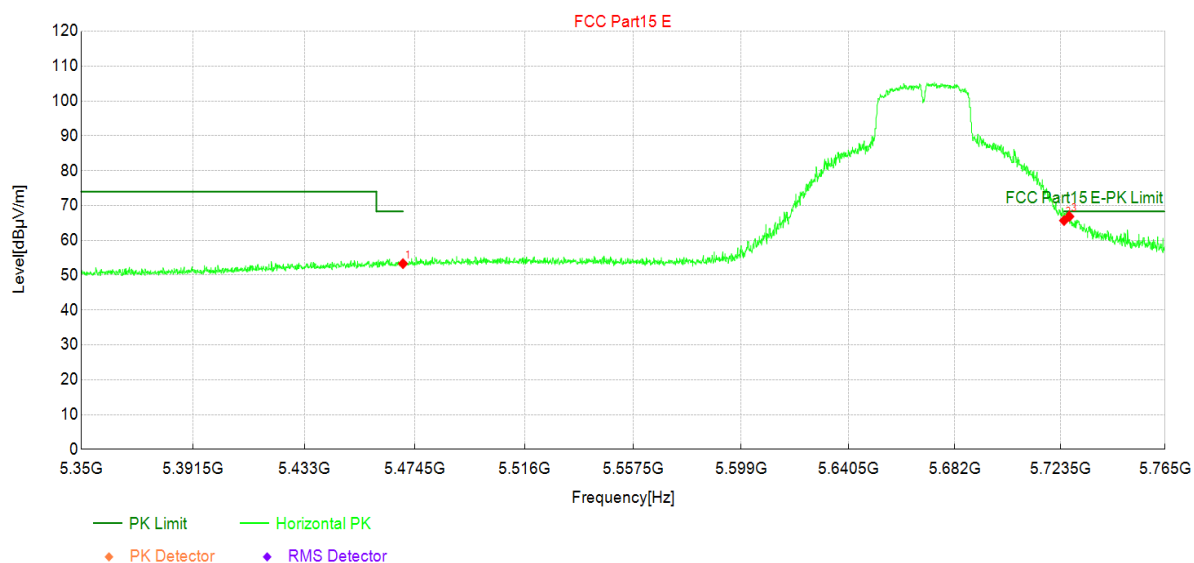
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5457.30	28.71	45.02	16.31	54.00	8.98	AV	Vertic	PASS
2	5460.00	28.41	44.75	16.34	54.00	9.25	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5670MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

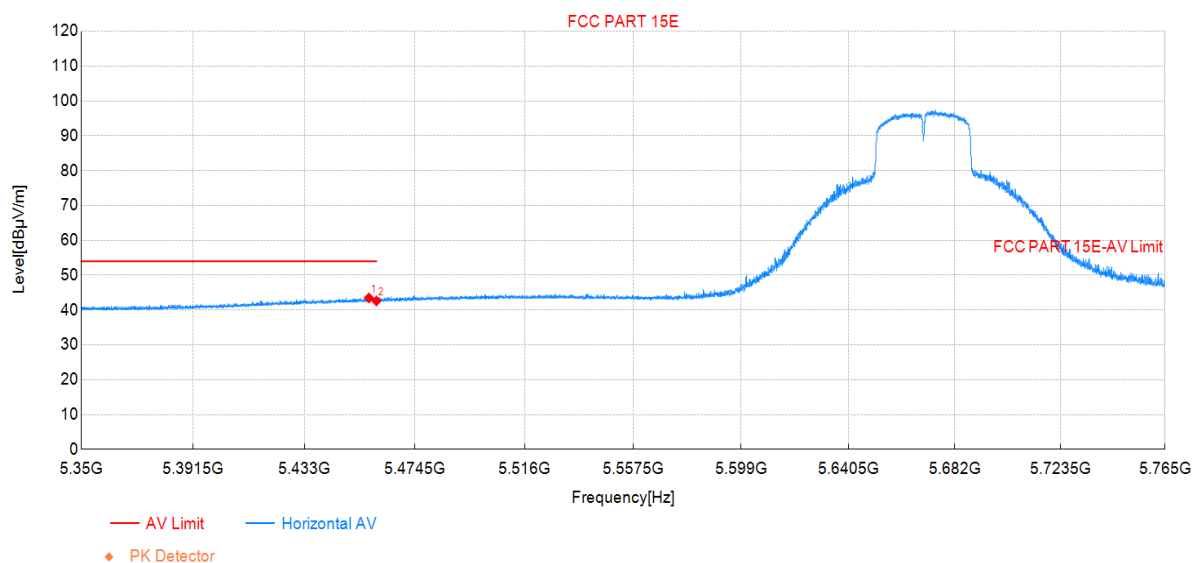
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5470.00	36.86	53.31	16.45	68.30	14.99	PK	Horizo	PASS
2	5725.00	47.00	65.67	18.67	68.30	2.63	PK	Horizo	PASS
3	5727.10	48.18	66.84	18.66	68.30	1.46	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5670MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

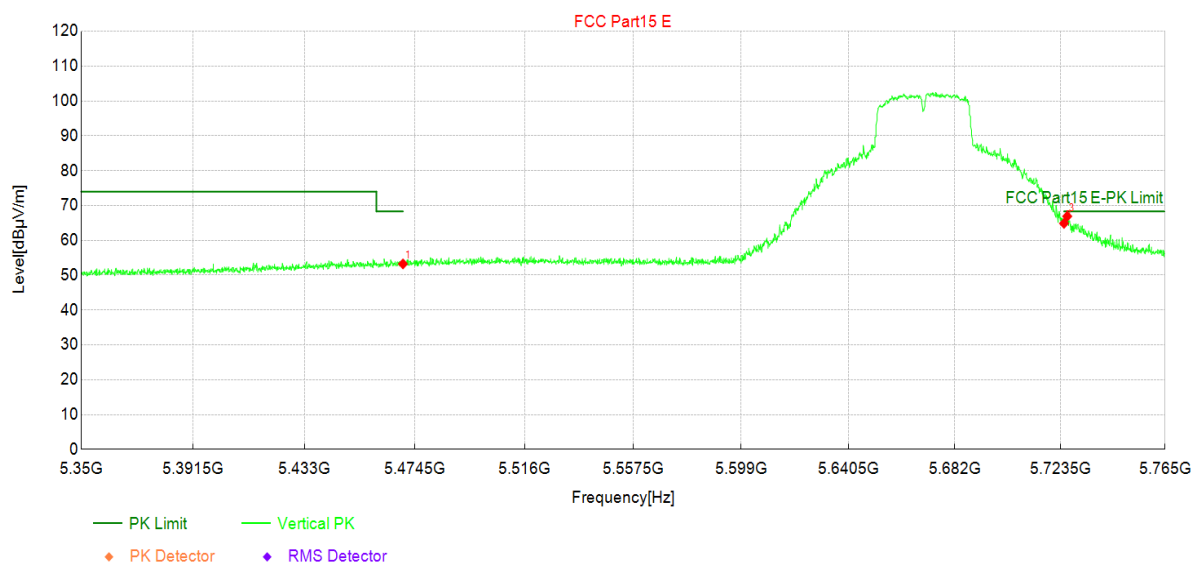
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5457.17	27.16	43.47	16.31	54.00	10.53	AV	Horizo	PASS
2	5460.00	26.26	42.60	16.34	54.00	11.40	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5670MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

Test Graph



Suspected Data List

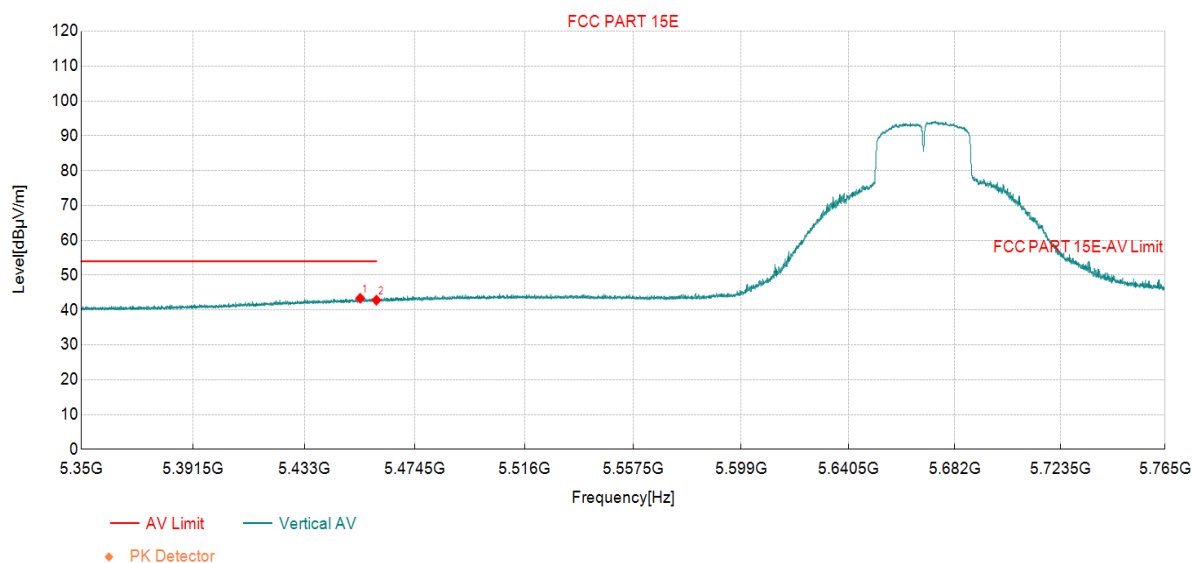
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5470.00	36.78	53.23	16.45	68.30	15.07	PK	Vertic	PASS
2	5725.00	46.20	64.87	18.67	68.30	3.43	PK	Vertic	PASS
3	5726.27	48.24	66.90	18.66	68.30	1.40	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5670MHz by 802.11ac(40Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

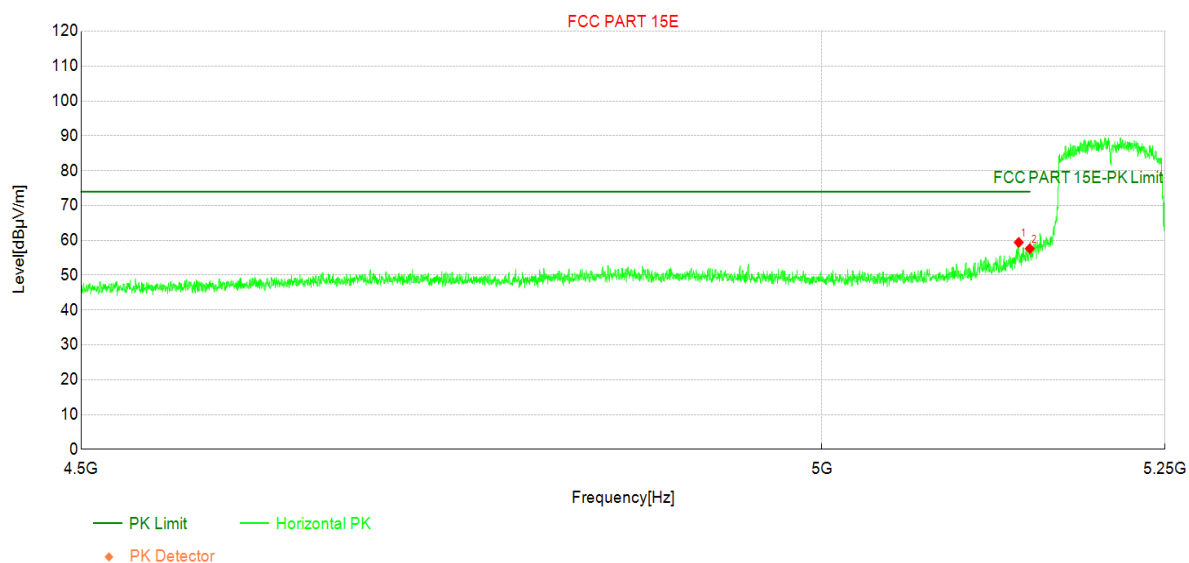
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5453.91	27.10	43.37	16.27	54.00	10.63	AV	Vertic	PASS
2	5460.00	26.49	42.83	16.34	54.00	11.17	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5210MHz by 802.11ac(80Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

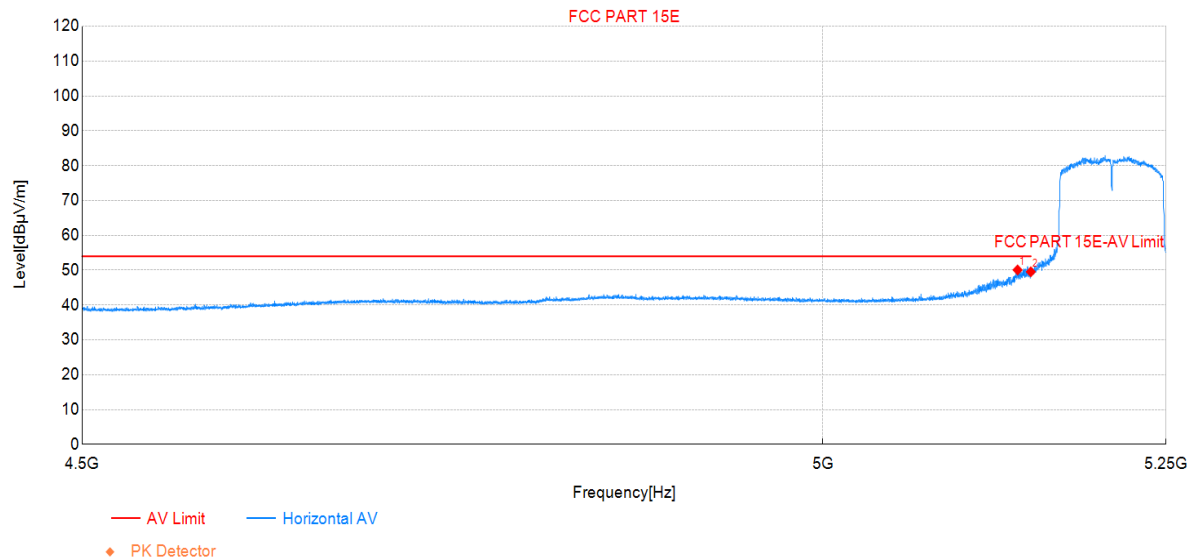
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5141.91	44.34	59.40	15.06	74.00	14.60	PK	Horizo	PASS
2	5150.00	42.51	57.62	15.11	74.00	16.38	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5210MHz by 802.11ac(80Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

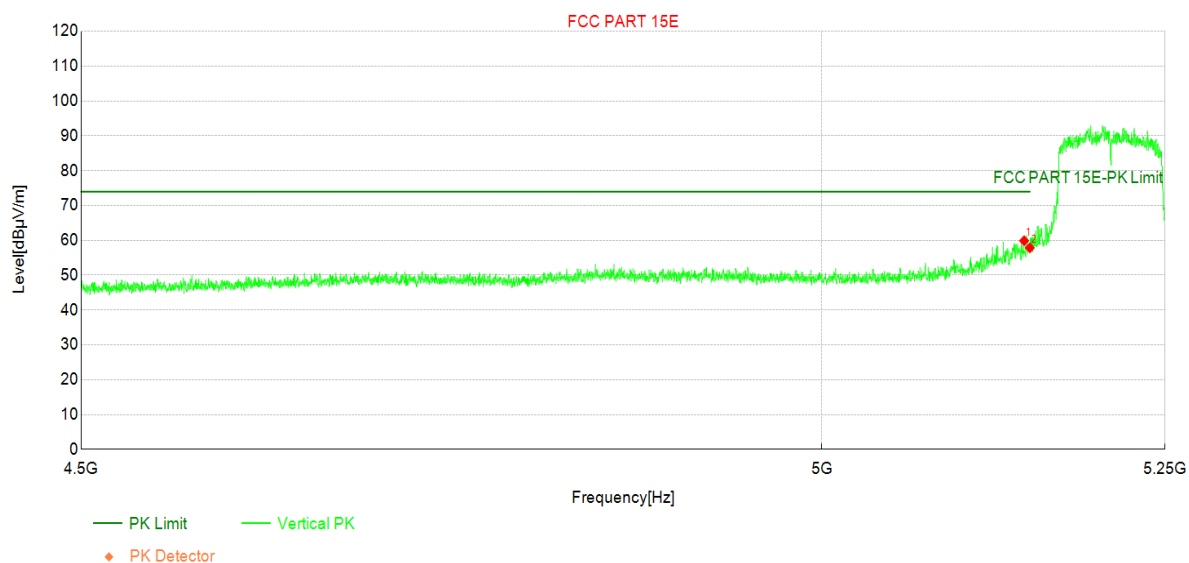
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5140.31	35.01	50.06	15.05	54.00	3.94	AV	Horizo	PASS
2	5150.00	34.43	49.54	15.11	54.00	4.46	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5210MHz by 802.11ac(80Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

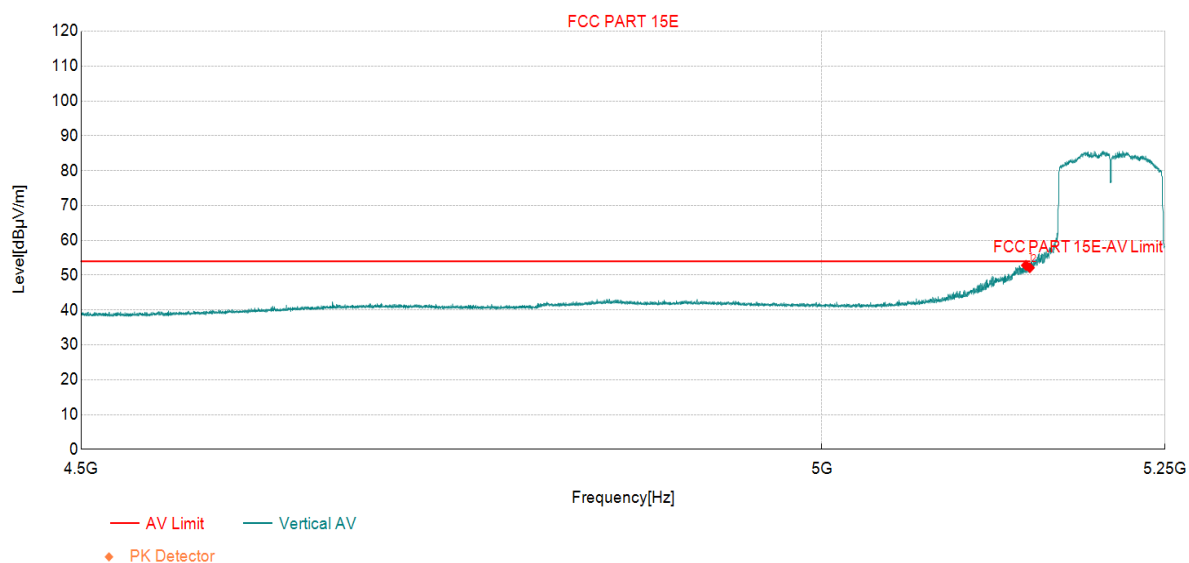
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5145.84	44.79	59.88	15.09	74.00	14.12	PK	Vertic	PASS
2	5150.00	42.73	57.84	15.11	74.00	16.16	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5210MHz by 802.11ac(80Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

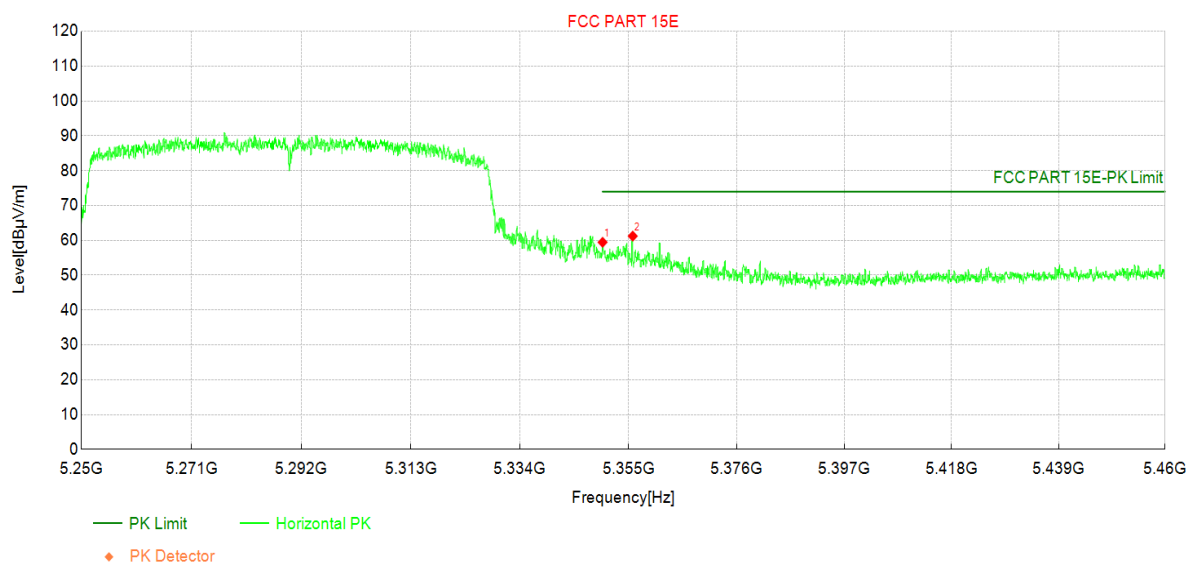
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5147.16	37.73	52.82	15.09	54.00	1.18	AV	Vertic	PASS
2	5150.00	37.01	52.12	15.11	54.00	1.88	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5290MHz by 802.11ac(80Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

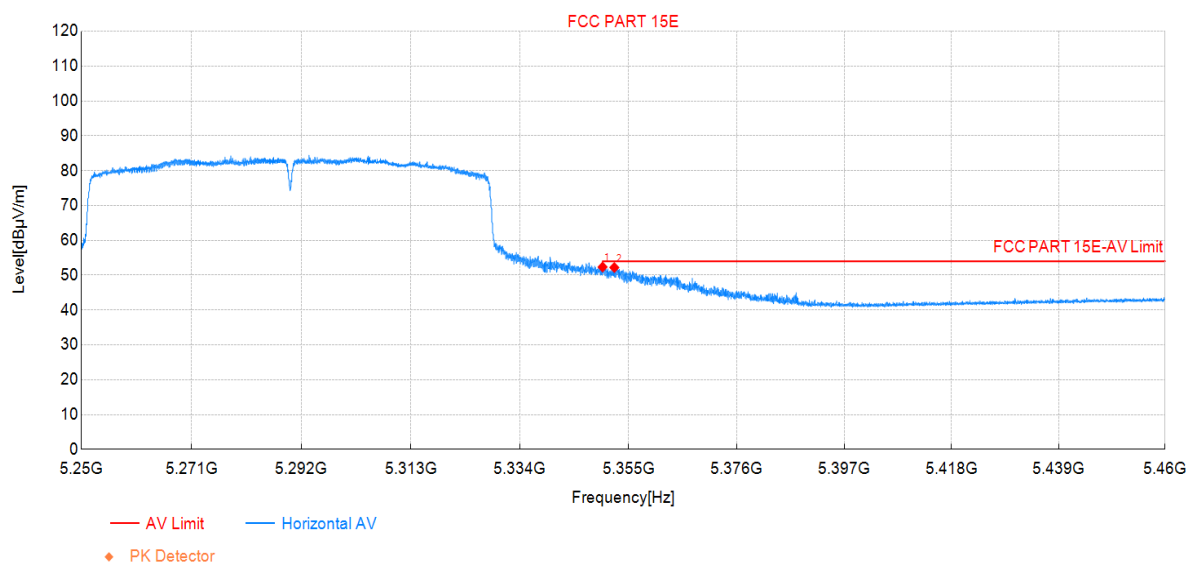
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	43.74	59.45	15.71	74.00	14.55	PK	Horizo	PASS
2	5355.84	45.52	61.22	15.70	74.00	12.78	PK	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5290MHz by 802.11ac(80Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

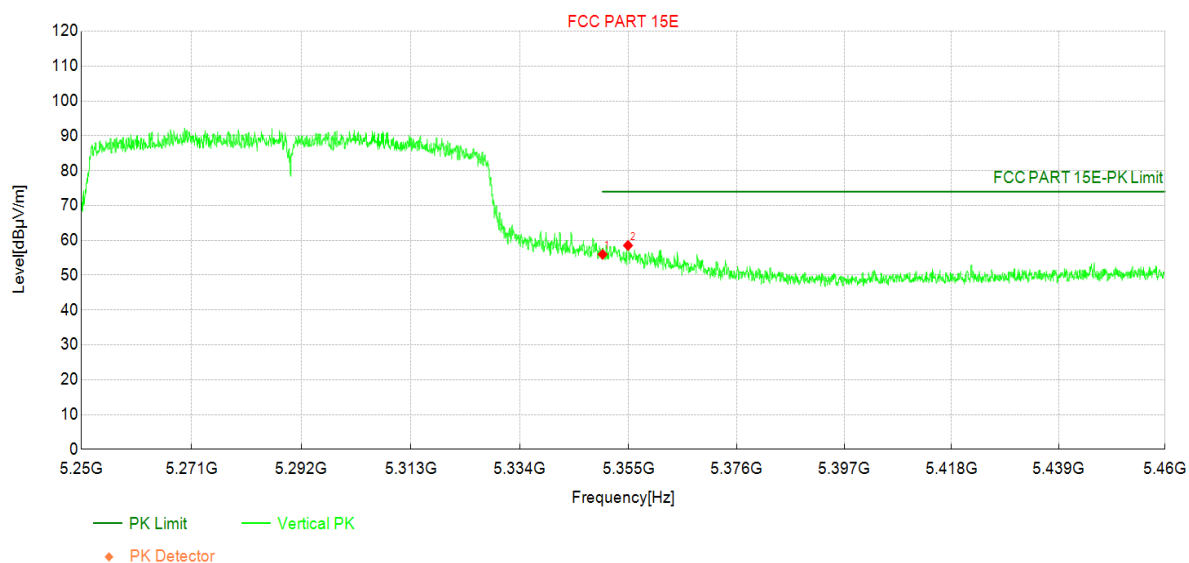
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	36.63	52.34	15.71	54.00	1.66	AV	Horizo	PASS
2	5352.27	36.49	52.20	15.71	54.00	1.80	AV	Horizo	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5290MHz by 802.11ac(80Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

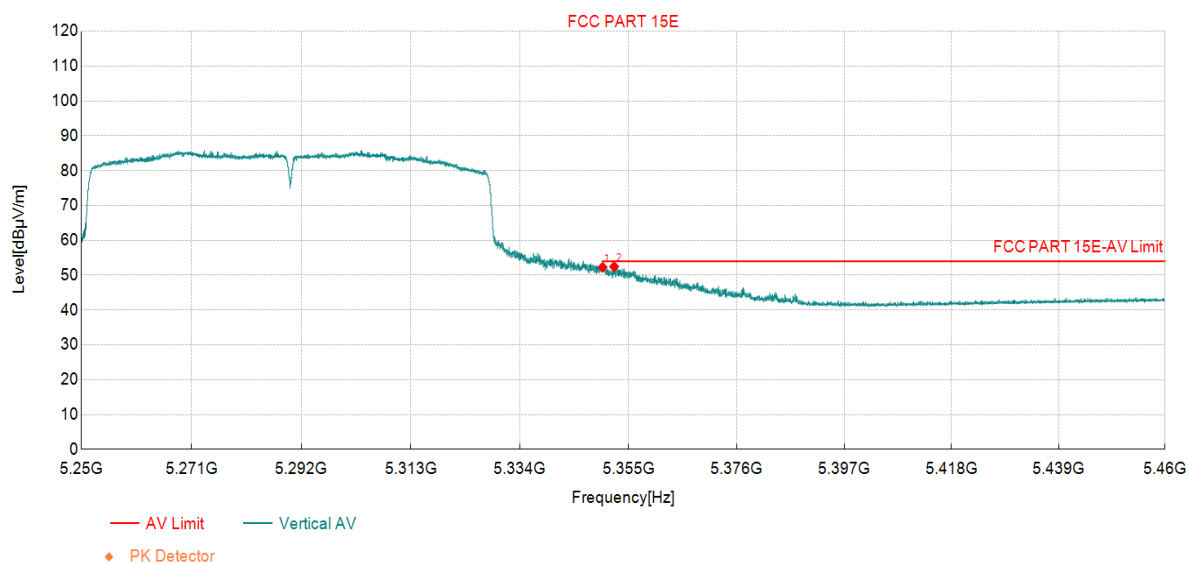
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	40.26	55.97	15.71	74.00	18.03	PK	Vertic	PASS
2	5354.92	42.83	58.53	15.70	74.00	15.47	PK	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5290MHz by 802.11ac(80Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

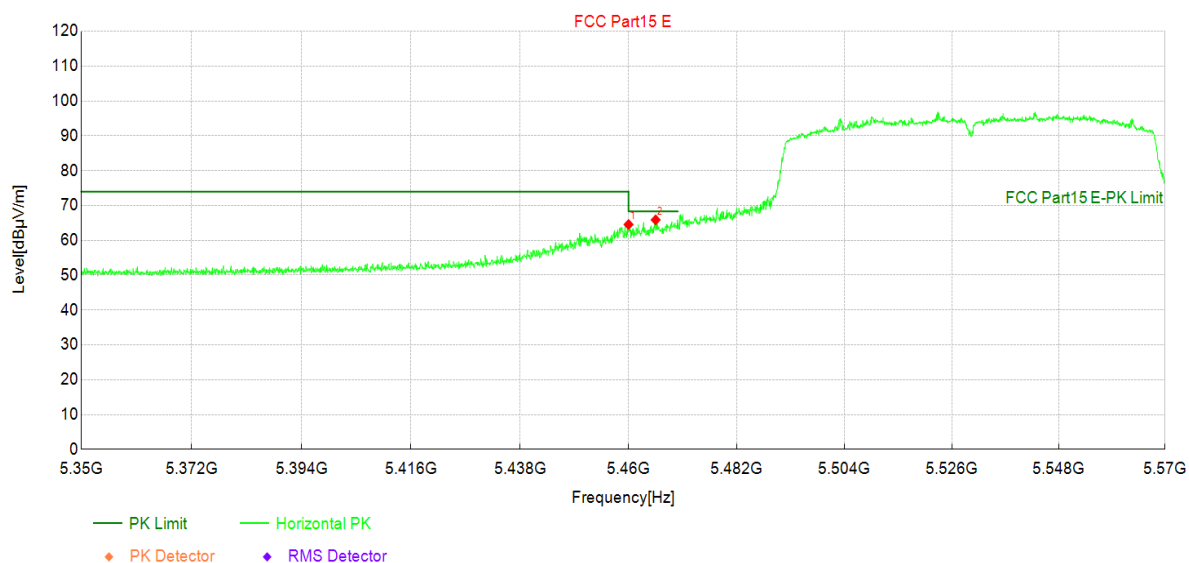
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	36.57	52.28	15.71	54.00	1.72	AV	Vertic	PASS
2	5352.24	36.75	52.46	15.71	54.00	1.54	AV	Vertic	PASS

Test Report

Project Information

Profile:	2520983R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5530MHz by 802.11ac(80Mhz)	Volta	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engi	Reyn Chen
Test Standard:	FCC Part15 E		

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	5460.00	48.21	64.55	16.34	68.30	3.75	PK	Horizo	PASS
2	5465.50	49.48	65.88	16.40	68.30	2.42	PK	Horizo	PASS