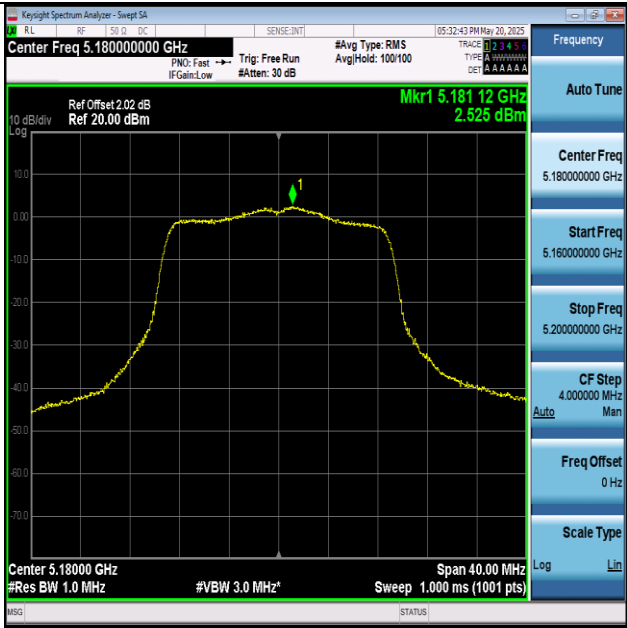
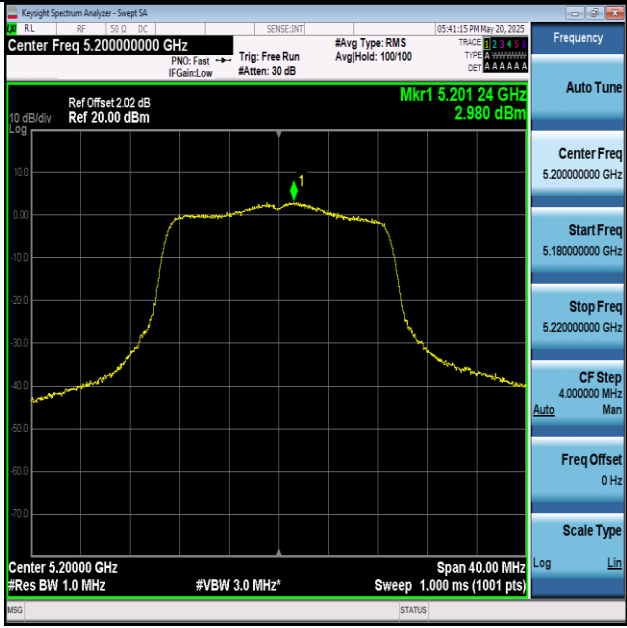
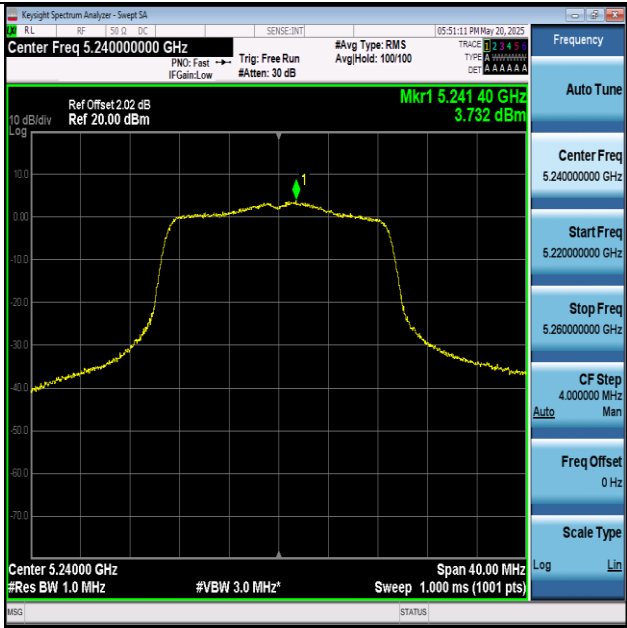




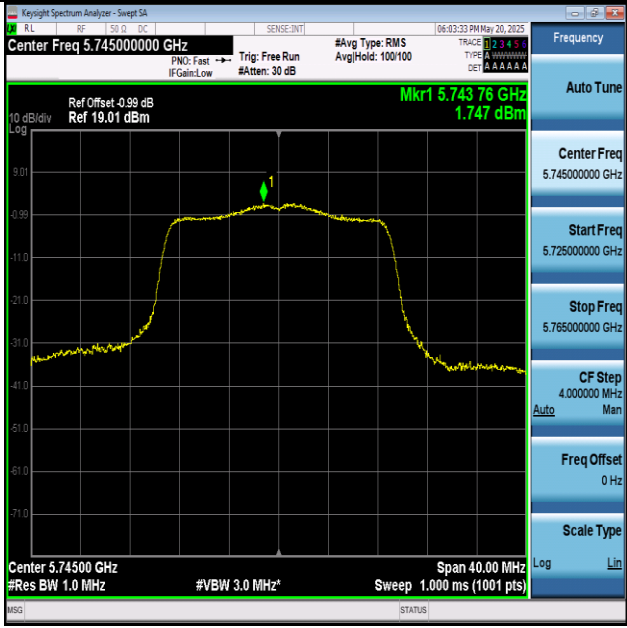
11N20SISO-Ant1-5180-PASS



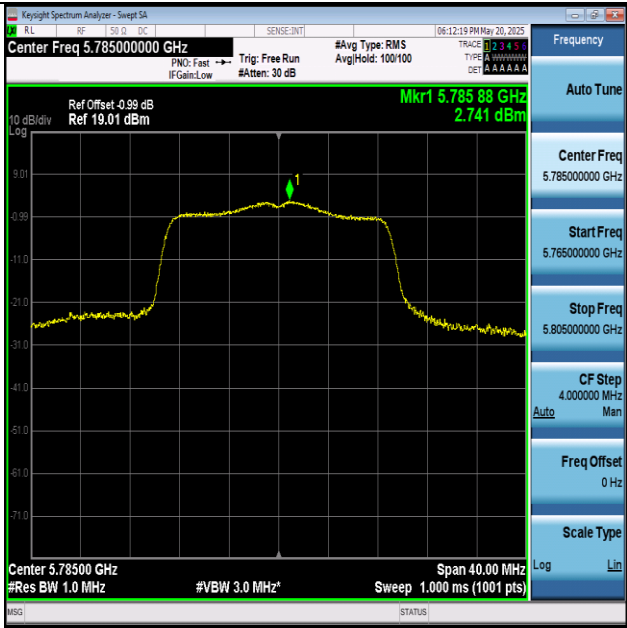
11N20SISO-Ant1-5200-PASS



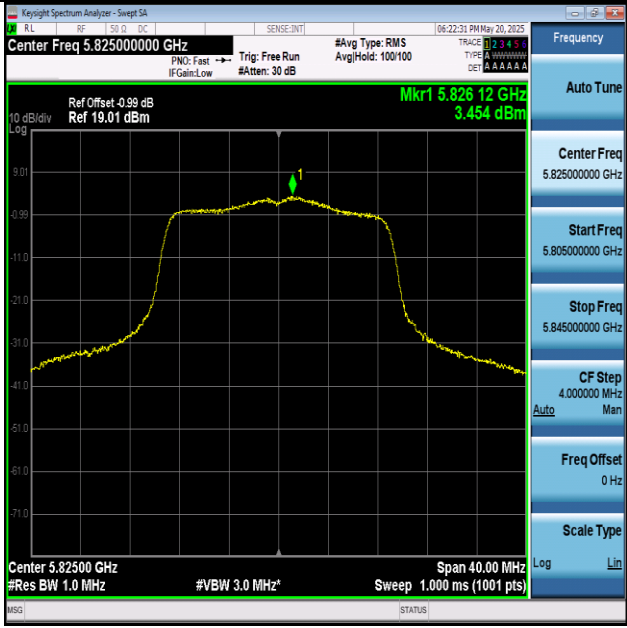
11N20SISO-Ant1-5240-PASS



11N20SISO-Ant1-5745-PASS



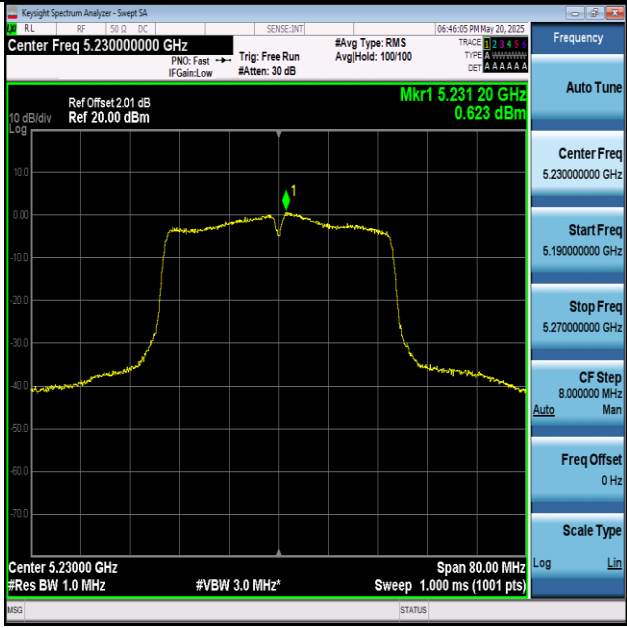
11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5190-PASS



11N40SISO-Ant1-5230-PASS



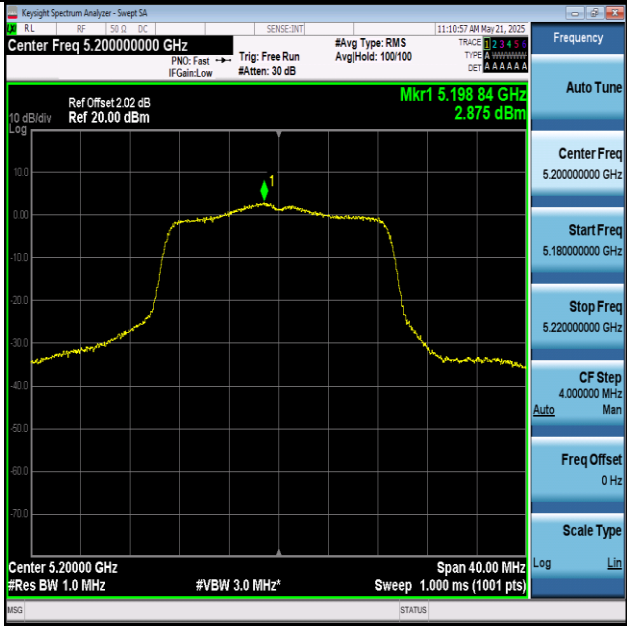
11N40SISO-Ant1-5755-PASS



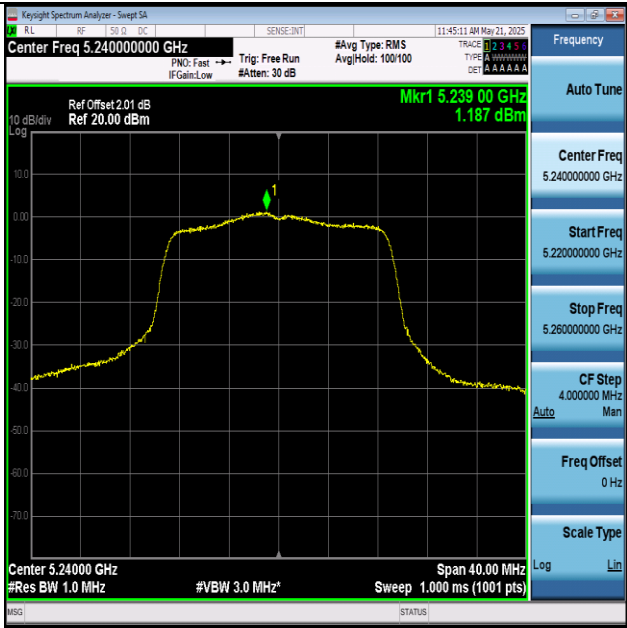
11N40SISO-Ant1-5795-PASS



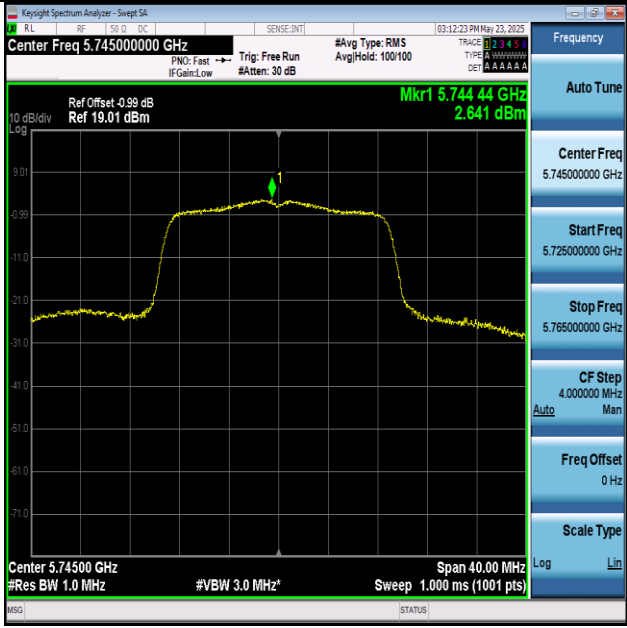
11AC20SISO-Ant1-5180-PASS



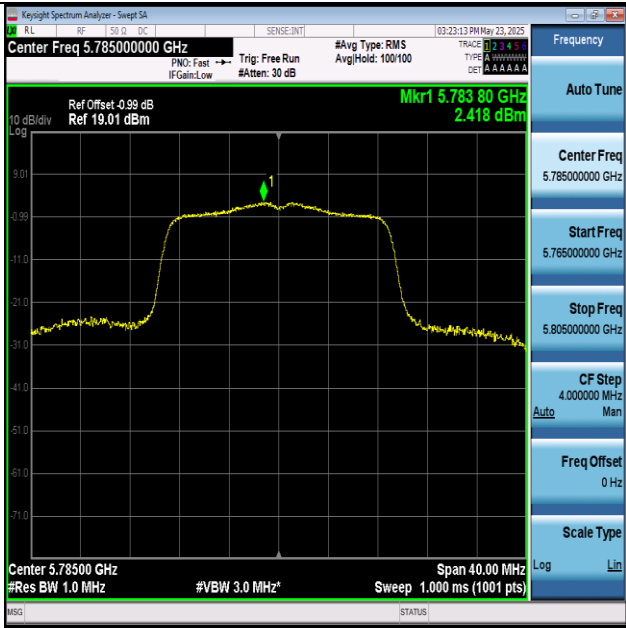
11AC20SISO-Ant1-5200-PASS



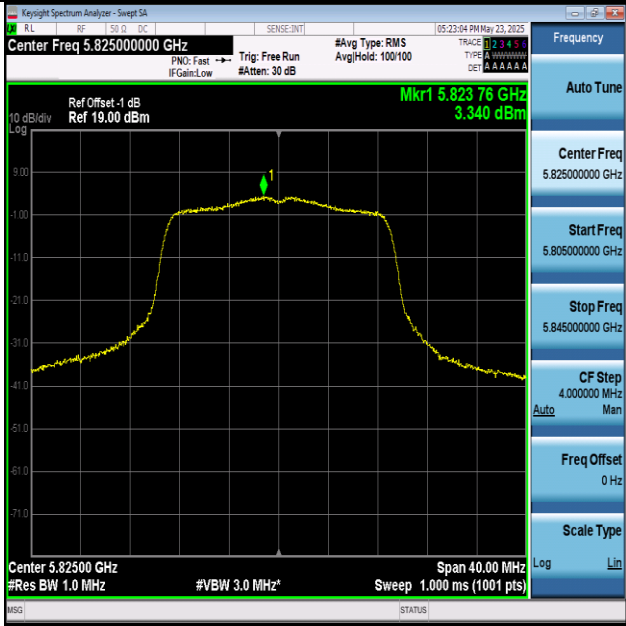
11AC20SISO-Ant1-5240-PASS



11AC20SISO-Ant1-5745-PASS



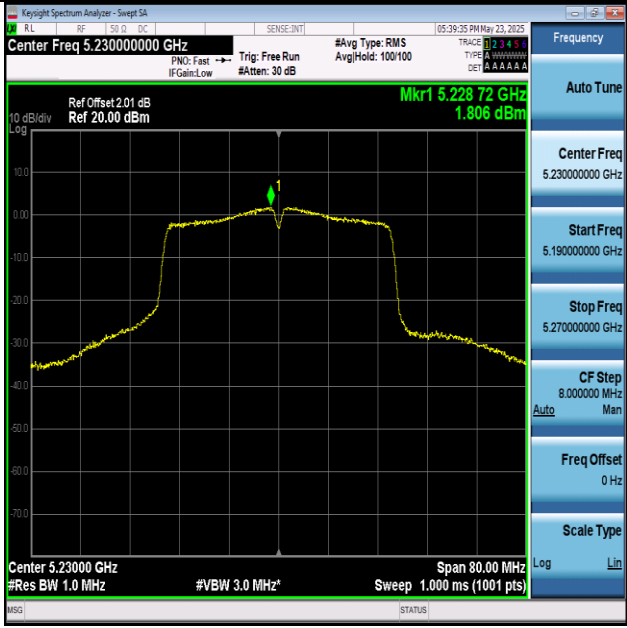
11AC20SISO-Ant1-5785-PASS



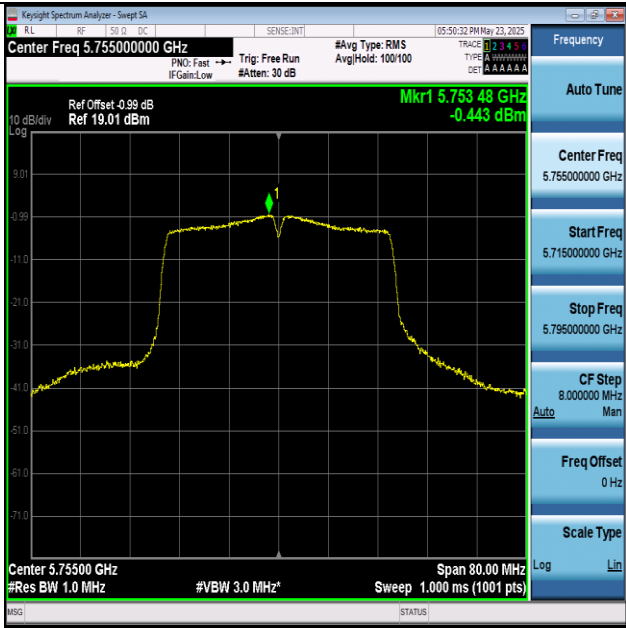
11AC20SISO-Ant1-5825-PASS



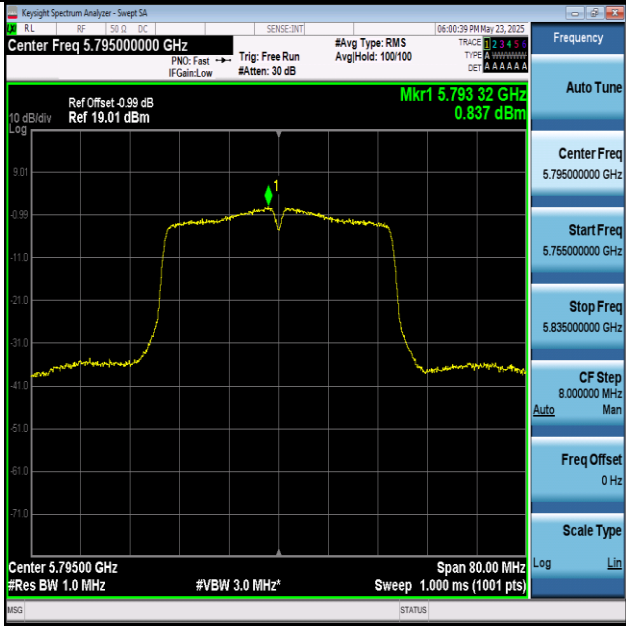
11AC40ISO-Ant1-5190-PASS



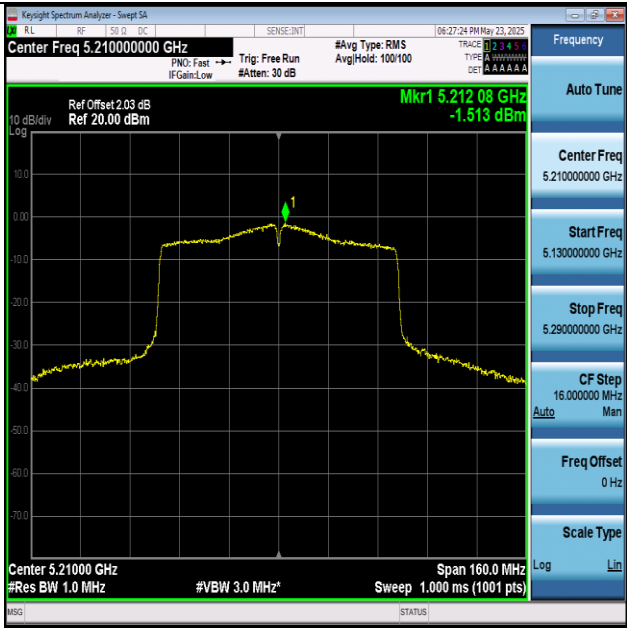
11AC40ISO-Ant1-5230-PASS



11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5210-PASS



11AC80SISO-Ant1-5775-PASS



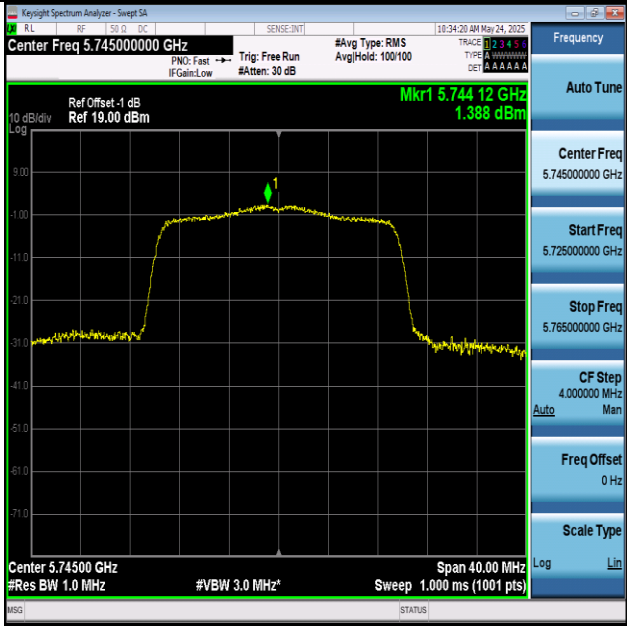
11AX20ISO-Ant1-5180-PASS



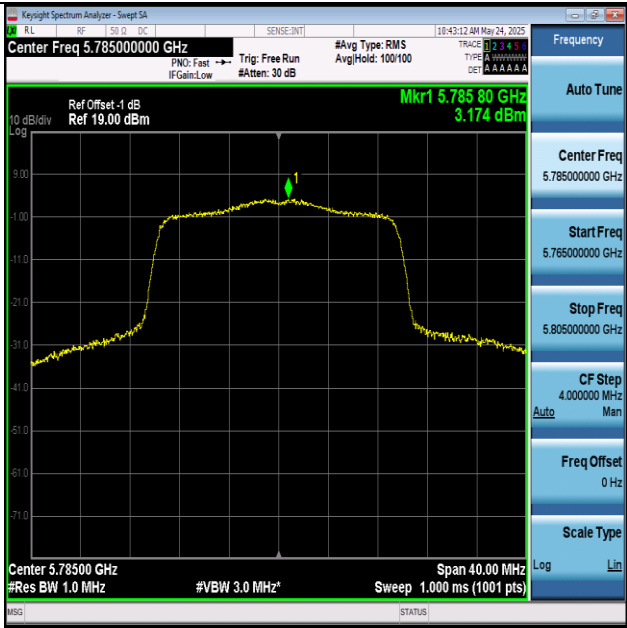
11AX20ISO-Ant1-5200-PASS



11AX20ISO-Ant1-5240-PASS



11AX20ISO-Ant1-5745-PASS



11AX20SISO-Ant1-5785-PASS



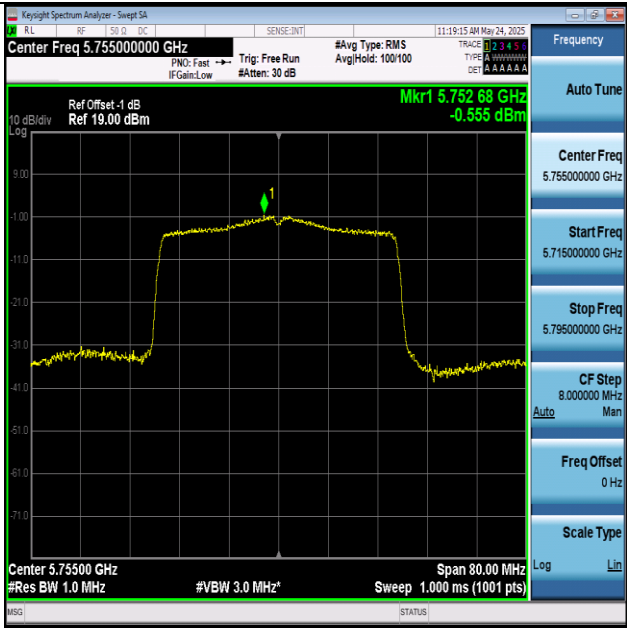
11AX20SISO-Ant1-5825-PASS



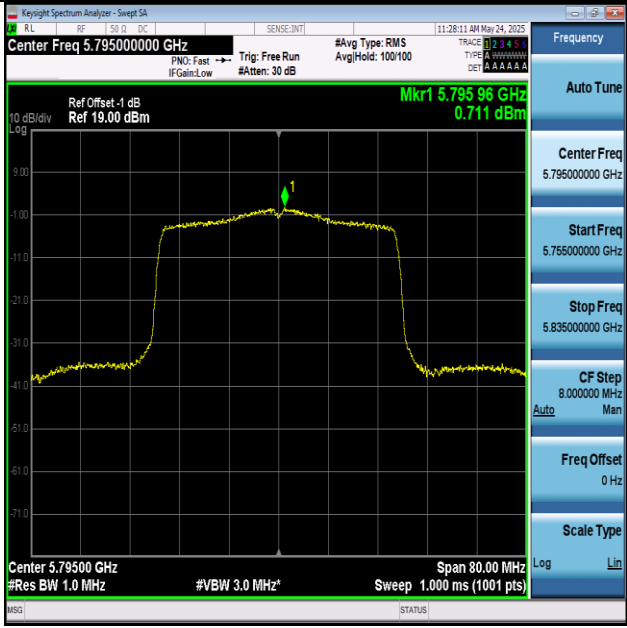
11AX40ISO-Ant1-5190-PASS



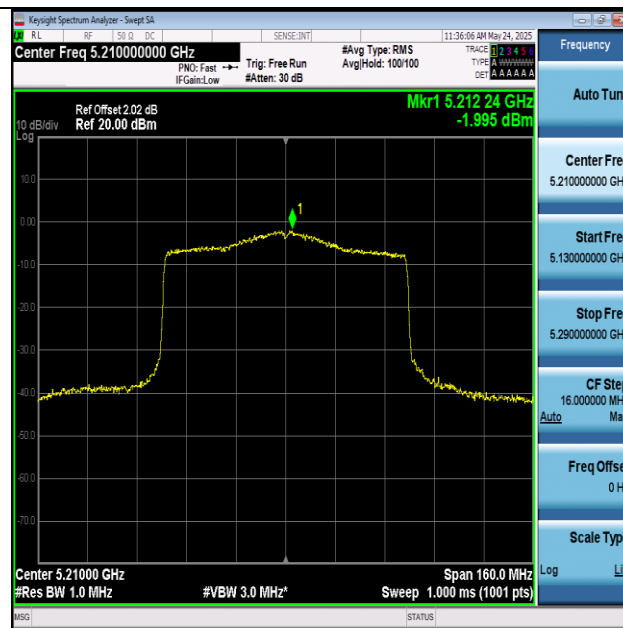
11AX40ISO-Ant1-5230-PASS



11AX40ISO-Ant1-5755-PASS



11AX40ISO-Ant1-5795-PASS



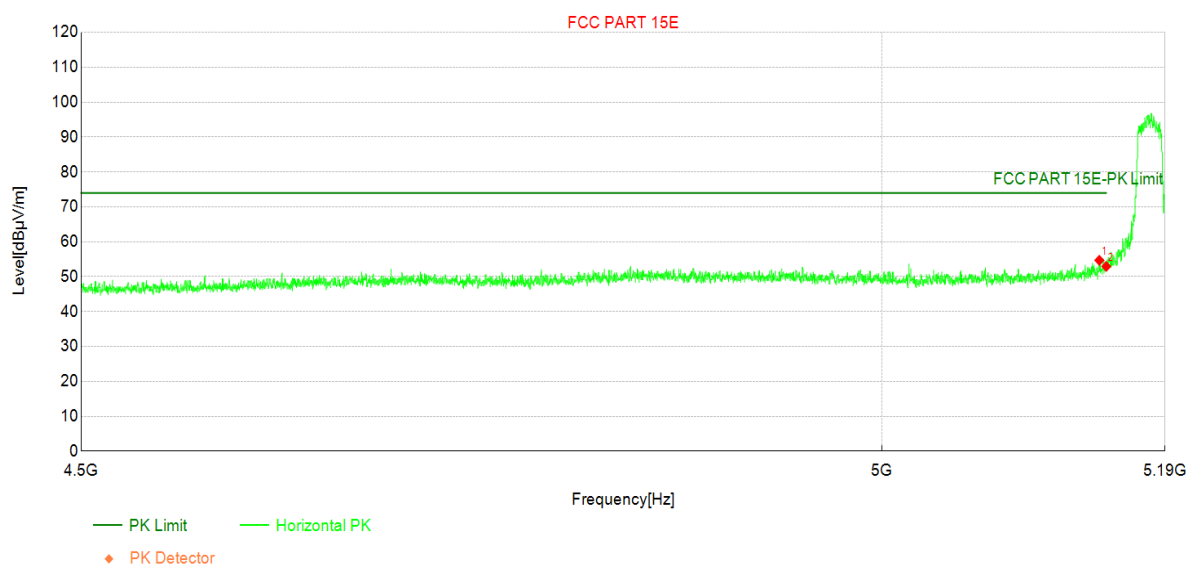
11AX80ISO-Ant1-5210-PASS



11AX80ISO-Ant1-5775-PASS

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

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5180MHz by 802.11a	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25℃ ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph**Suspected Data List**

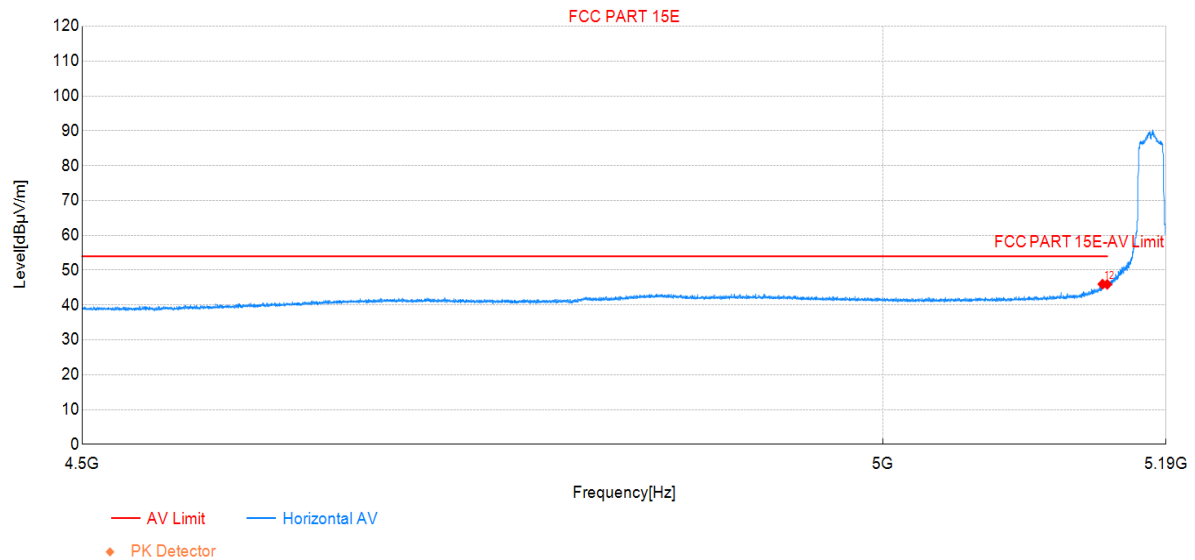
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5145.32	39.60	54.68	15.08	74.00	19.32	PK	Horizo	PASS
2	5150.00	37.82	52.93	15.11	74.00	21.07	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5180MHz by 802.11a	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

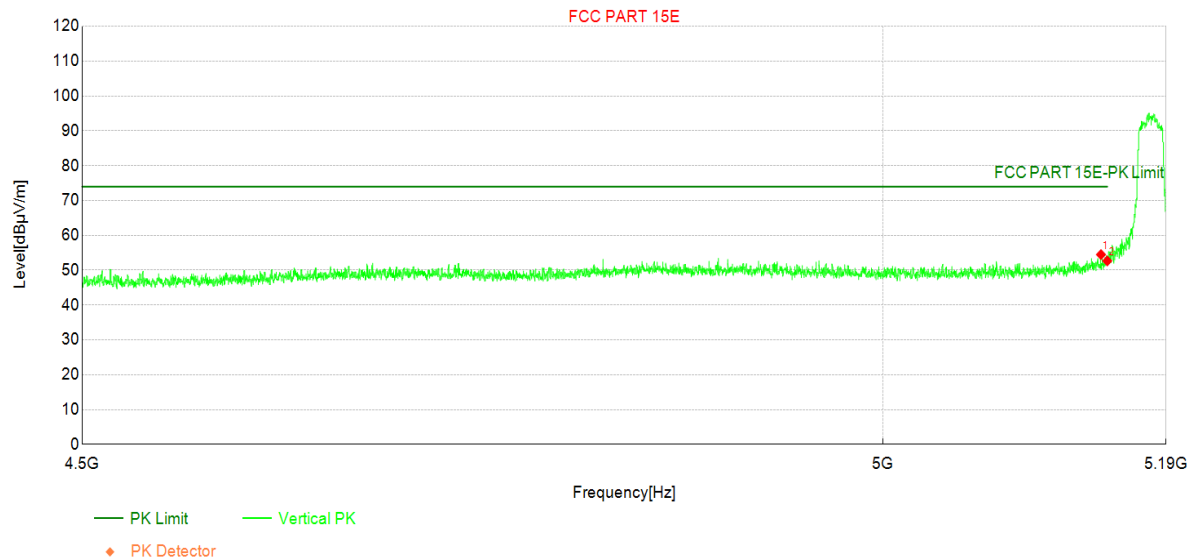
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5146.79	30.89	45.98	15.09	54.00	8.02	AV	Horizo	PASS
2	5150.00	30.81	45.92	15.11	54.00	8.08	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5180MHz by 802.11a	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

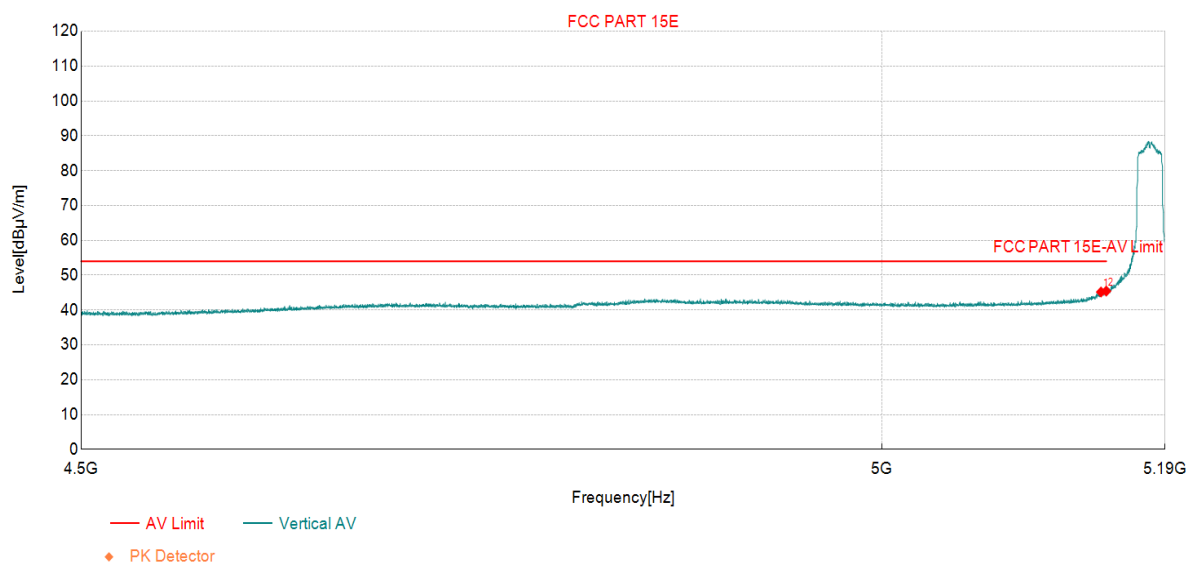
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5145.75	39.38	54.47	15.09	74.00	19.53	PK	Vertic	PASS
2	5150.00	37.55	52.66	15.11	74.00	21.34	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5180MHz by 802.11a	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

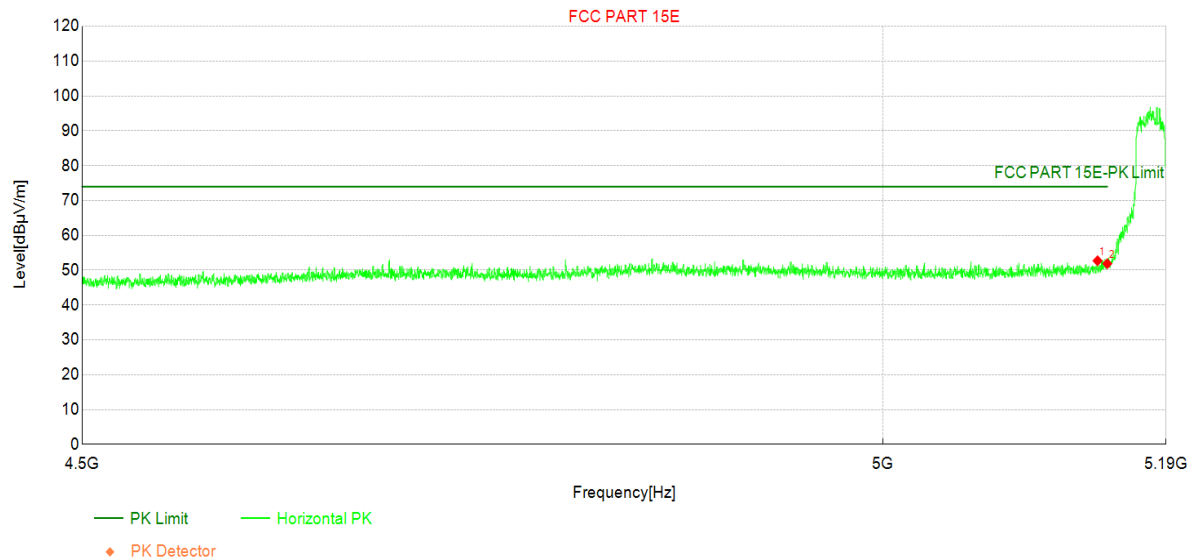
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5146.44	30.07	45.16	15.09	54.00	8.84	AV	Vertic	PASS
2	5150.00	30.32	45.43	15.11	54.00	8.57	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5180MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

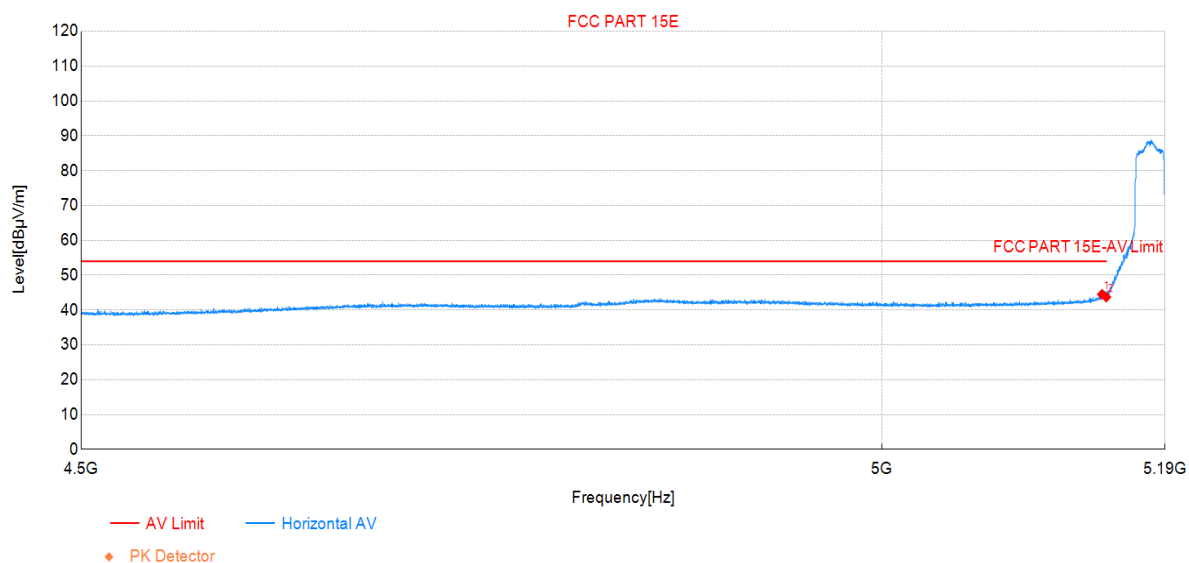
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5143.43	37.63	52.70	15.07	74.00	21.30	PK	Horizo	PASS
2	5150.00	36.75	51.86	15.11	74.00	22.14	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5180MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

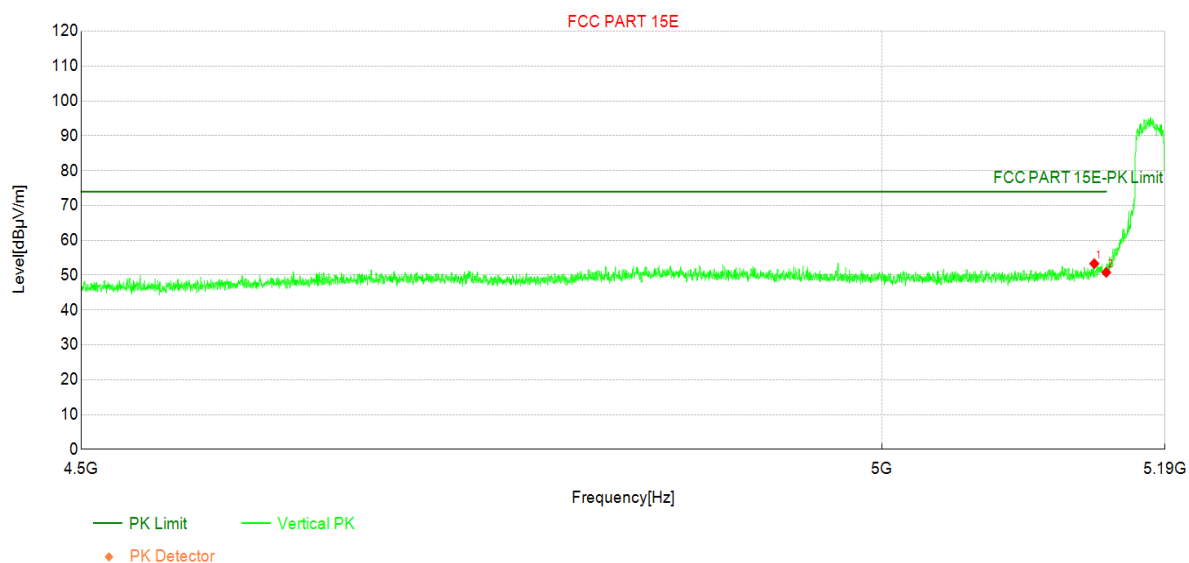
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5147.13	29.41	44.50	15.09	54.00	9.50	AV	Horizo	PASS
2	5150.00	28.59	43.70	15.11	54.00	10.30	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5180MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

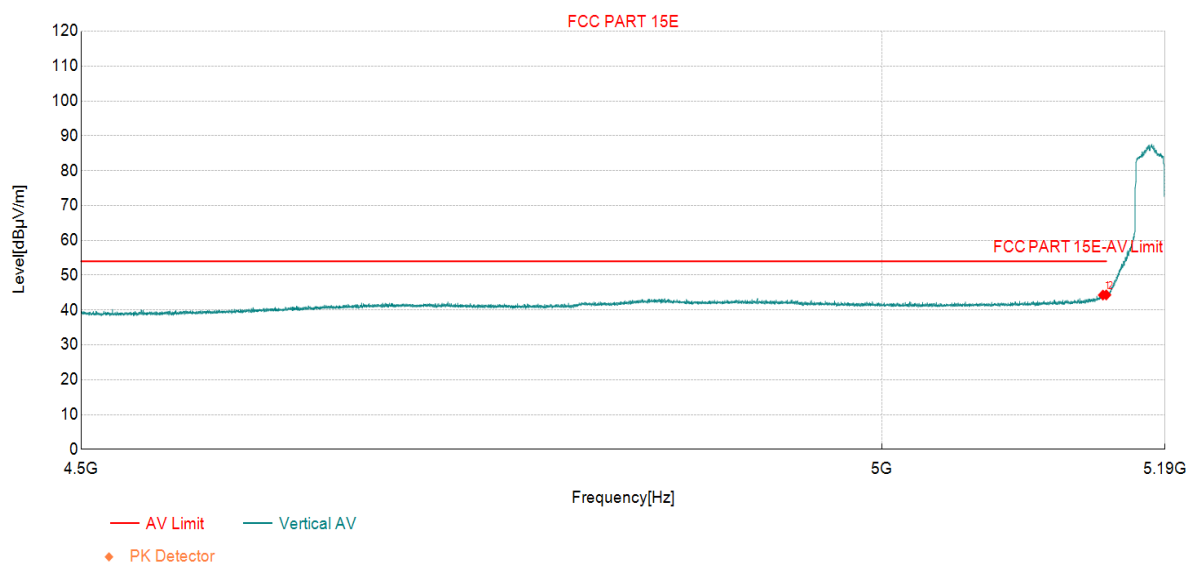
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5141.87	38.25	53.31	15.06	74.00	20.69	PK	Vertic	PASS
2	5150.00	35.69	50.80	15.11	74.00	23.20	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5180MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

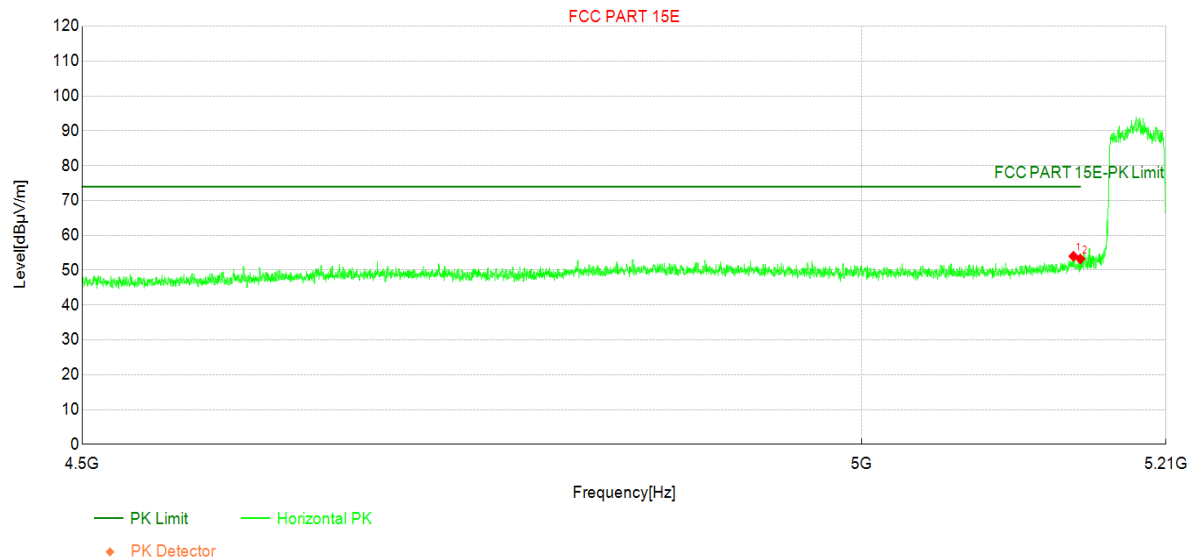
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5147.74	29.20	44.30	15.10	54.00	9.70	AV	Vertic	PASS
2	5150.00	29.22	44.33	15.11	54.00	9.67	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5190MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

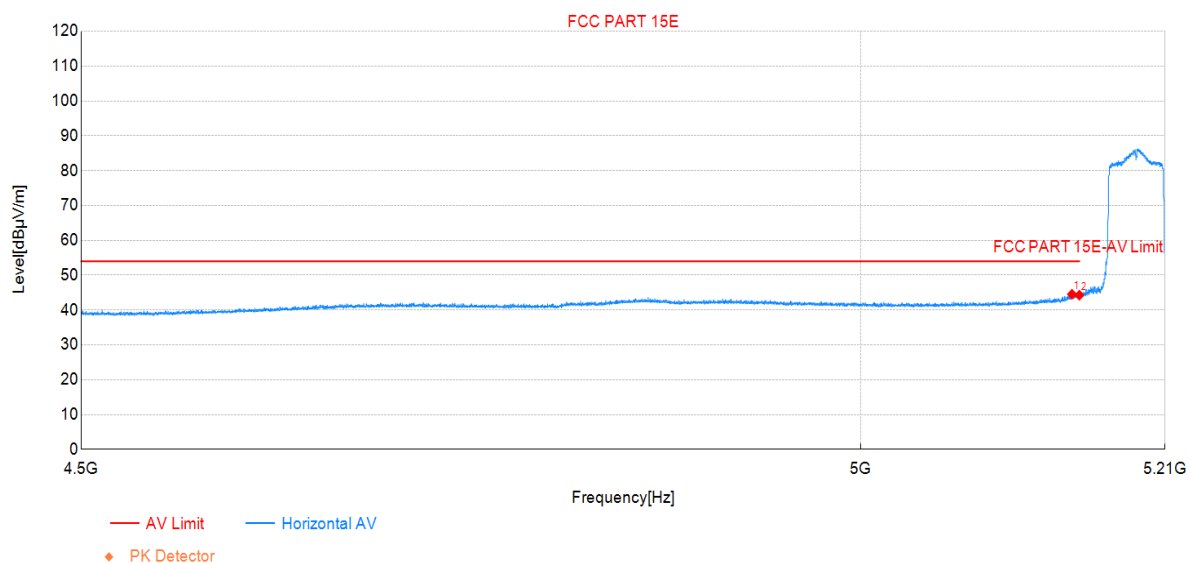
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5145.21	38.92	54.00	15.08	74.00	20.00	PK	Horizo	PASS
2	5150.00	38.11	53.22	15.11	74.00	20.78	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5190MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

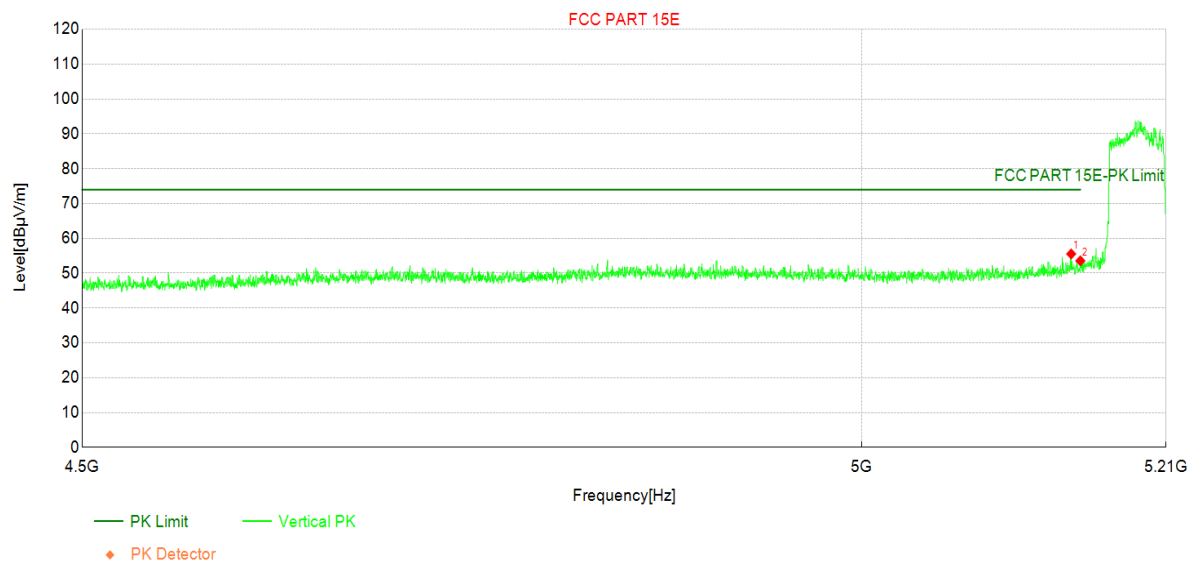
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5144.86	29.44	44.52	15.08	54.00	9.48	AV	Horizo	PASS
2	5150.00	29.14	44.25	15.11	54.00	9.75	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5190MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

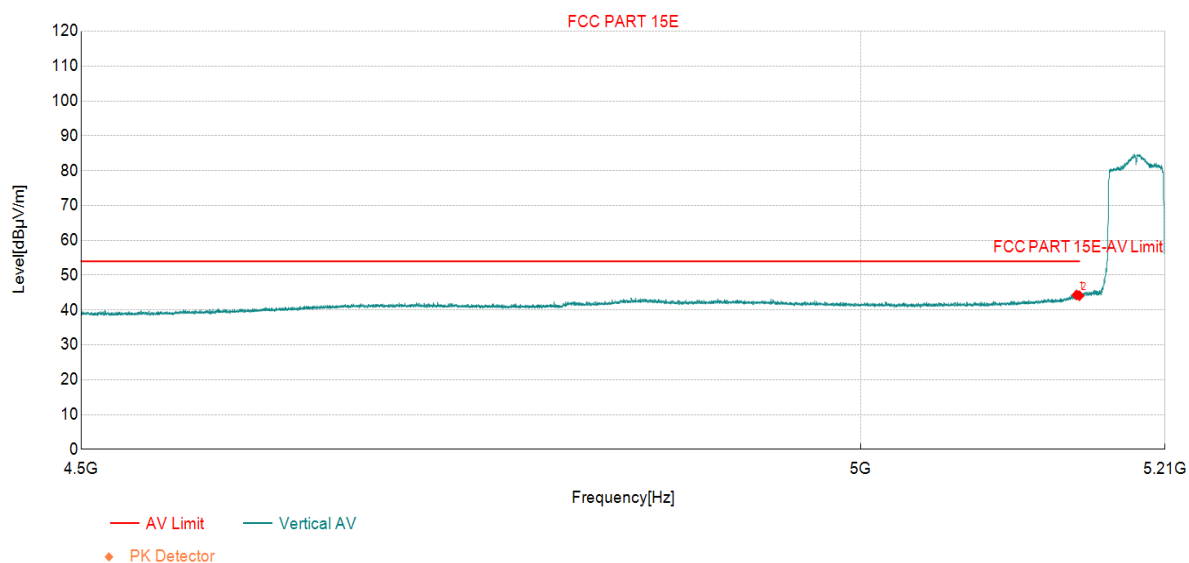
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5143.62	40.46	55.53	15.07	74.00	18.47	PK	Vertic	PASS
2	5150.00	38.43	53.54	15.11	74.00	20.46	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5190MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

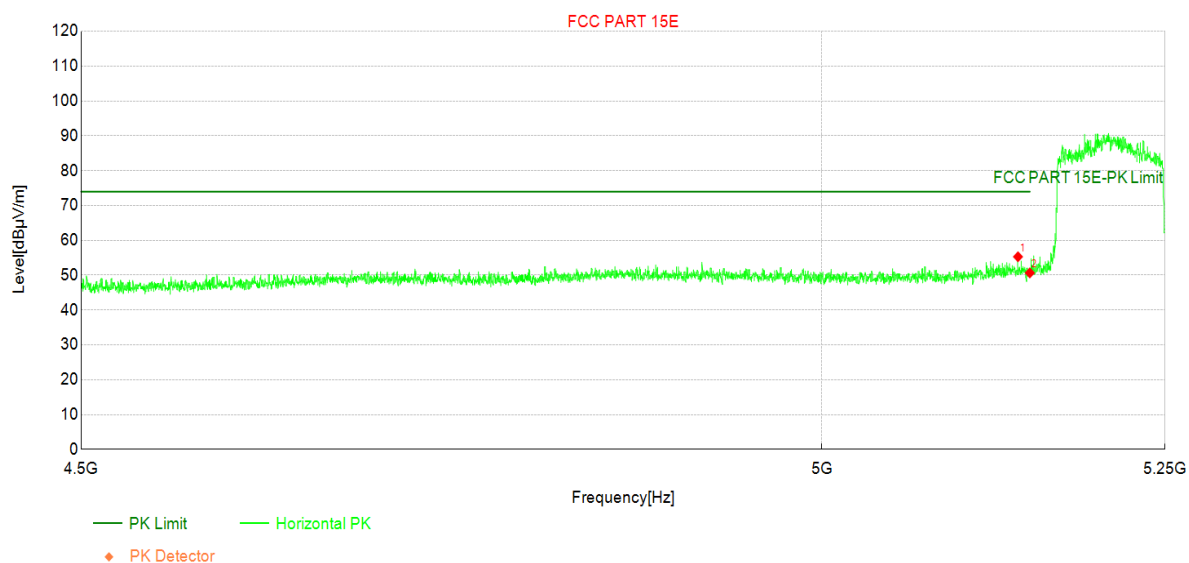
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5148.05	29.22	44.32	15.10	54.00	9.68	AV	Vertic	PASS
2	5150.00	29.01	44.12	15.11	54.00	9.88	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5210MHz by 802.11ax(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

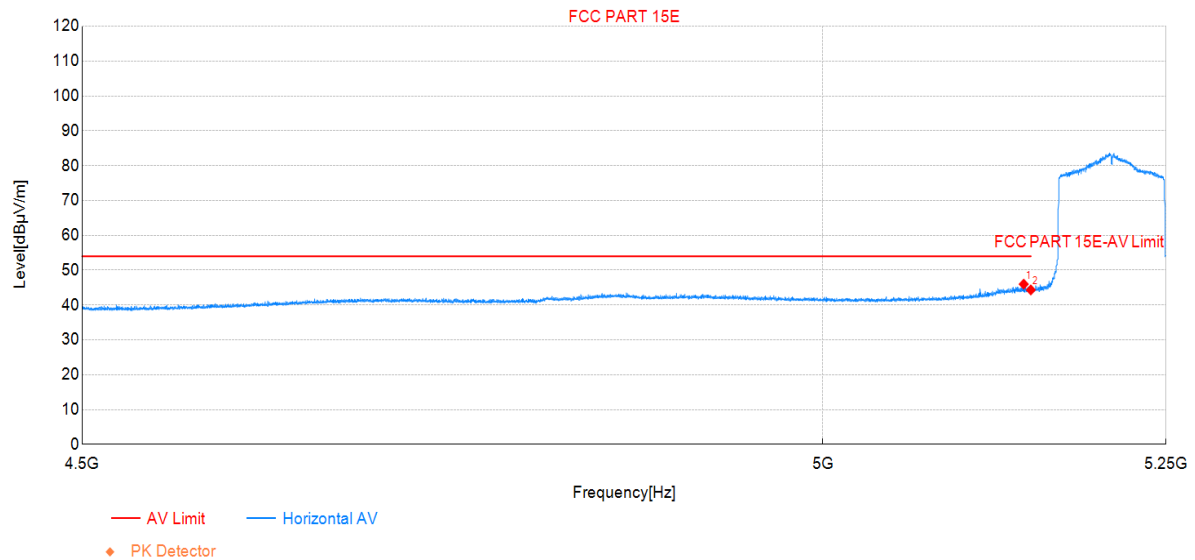
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5141.34	40.23	55.29	15.06	74.00	18.71	PK	Horizo	PASS
2	5150.00	35.55	50.66	15.11	74.00	23.34	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5210MHz by 802.11ax(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

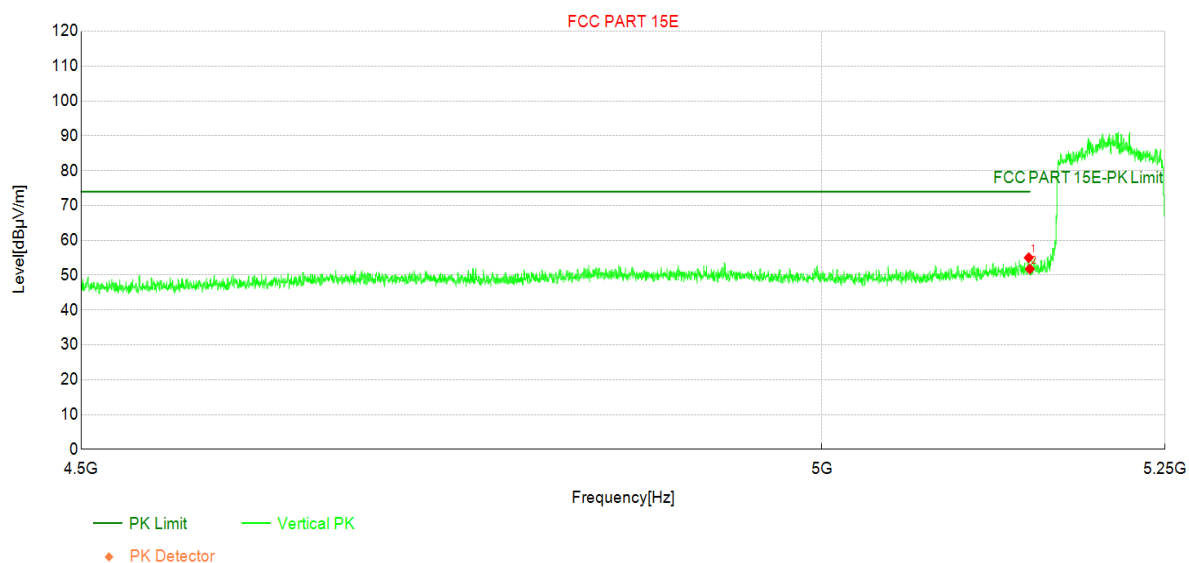
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5144.81	30.91	45.99	15.08	54.00	8.01	AV	Horizo	PASS
2	5150.00	29.23	44.34	15.11	54.00	9.66	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5210MHz by 802.11ax(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

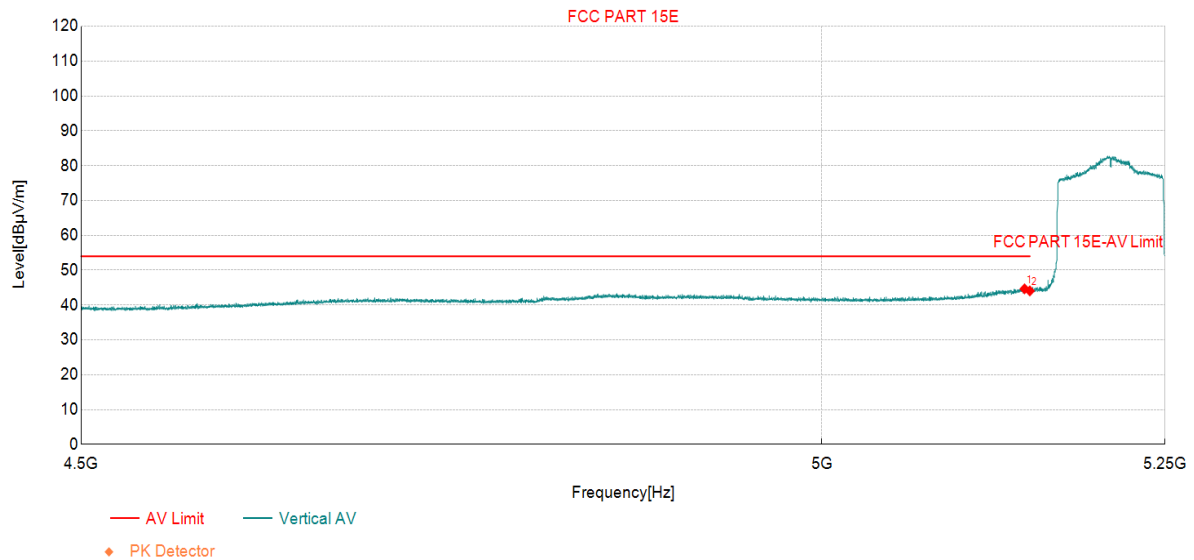
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5149.22	39.90	55.01	15.11	74.00	18.99	PK	Vertic	PASS
2	5150.00	36.68	51.79	15.11	74.00	22.21	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5210MHz by 802.11ax(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

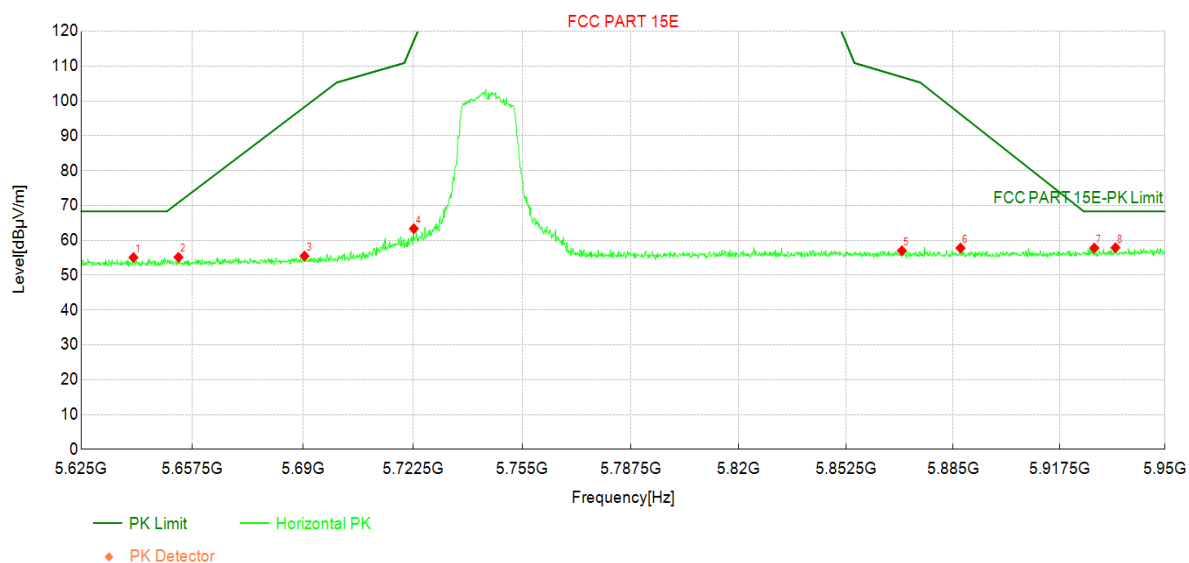
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5146.13	29.55	44.64	15.09	54.00	9.36	AV	Vertic	PASS
2	5150.00	28.94	44.05	15.11	54.00	9.95	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5745MHz by 802.11a	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

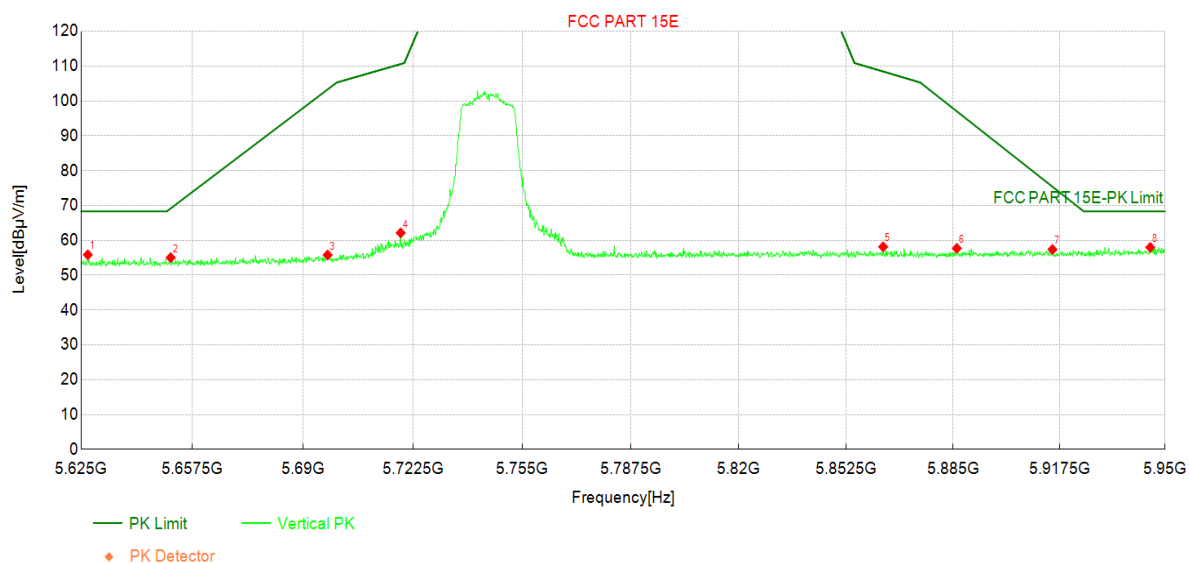
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5640.28	36.97	55.08	18.11	68.30	13.22	PK	Horizo	PASS
2	5653.44	36.91	55.15	18.24	70.85	15.70	PK	Horizo	PASS
3	5690.49	36.87	55.49	18.62	98.29	42.80	PK	Horizo	PASS
4	5722.83	44.68	63.35	18.67	117.34	53.99	PK	Horizo	PASS
5	5869.40	37.94	57.04	19.10	106.87	49.83	PK	Horizo	PASS
6	5887.28	38.55	57.79	19.24	96.19	38.40	PK	Horizo	PASS
7	5928.23	38.24	57.79	19.55	68.30	10.51	PK	Horizo	PASS
8	5934.73	38.27	57.87	19.60	68.30	10.43	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5745MHz by 802.11a	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

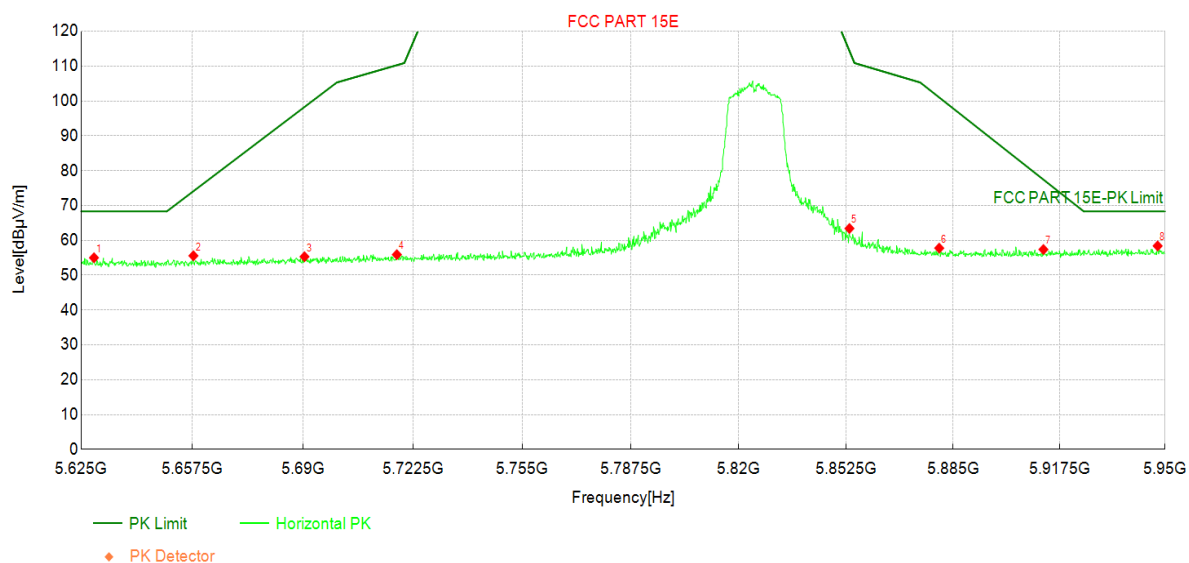
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5626.95	37.89	55.87	17.98	68.30	12.43	PK	Vertic	PASS
2	5651.16	36.82	55.04	18.22	69.16	14.12	PK	Vertic	PASS
3	5697.31	37.11	55.79	18.68	103.32	47.53	PK	Vertic	PASS
4	5718.93	43.46	62.13	18.67	110.60	48.47	PK	Vertic	PASS
5	5863.71	39.08	58.13	19.05	108.46	50.33	PK	Vertic	PASS
6	5886.14	38.47	57.70	19.23	97.03	39.33	PK	Vertic	PASS
7	5915.39	37.93	57.39	19.46	75.39	18.00	PK	Vertic	PASS
8	5945.45	38.32	58.00	19.68	68.30	10.30	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5825MHz by 802.11a	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

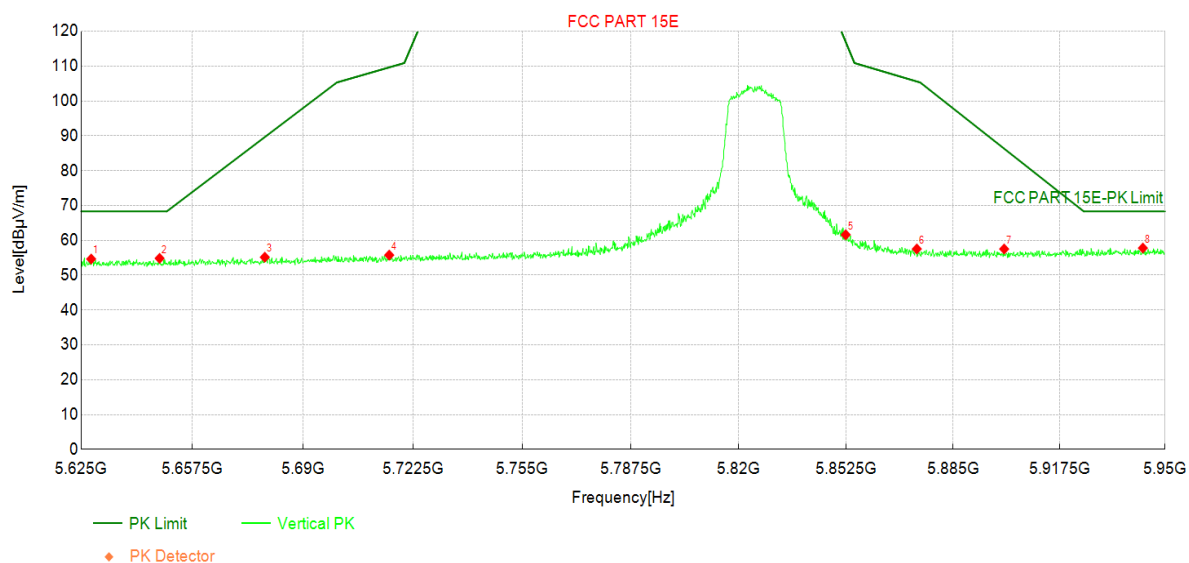
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5628.74	37.00	55.00	18.00	68.30	13.30	PK	Horizo	PASS
2	5657.83	37.29	55.58	18.29	74.11	18.53	PK	Horizo	PASS
3	5690.49	36.69	55.31	18.62	98.29	42.98	PK	Horizo	PASS
4	5717.79	37.23	55.91	18.68	110.28	54.37	PK	Horizo	PASS
5	5853.48	44.45	63.41	18.96	114.38	50.97	PK	Horizo	PASS
6	5880.78	38.57	57.76	19.19	101.01	43.25	PK	Horizo	PASS
7	5912.63	37.93	57.37	19.44	77.43	20.06	PK	Horizo	PASS
8	5947.73	38.69	58.39	19.70	68.30	9.91	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 5825MHz by 802.11a	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

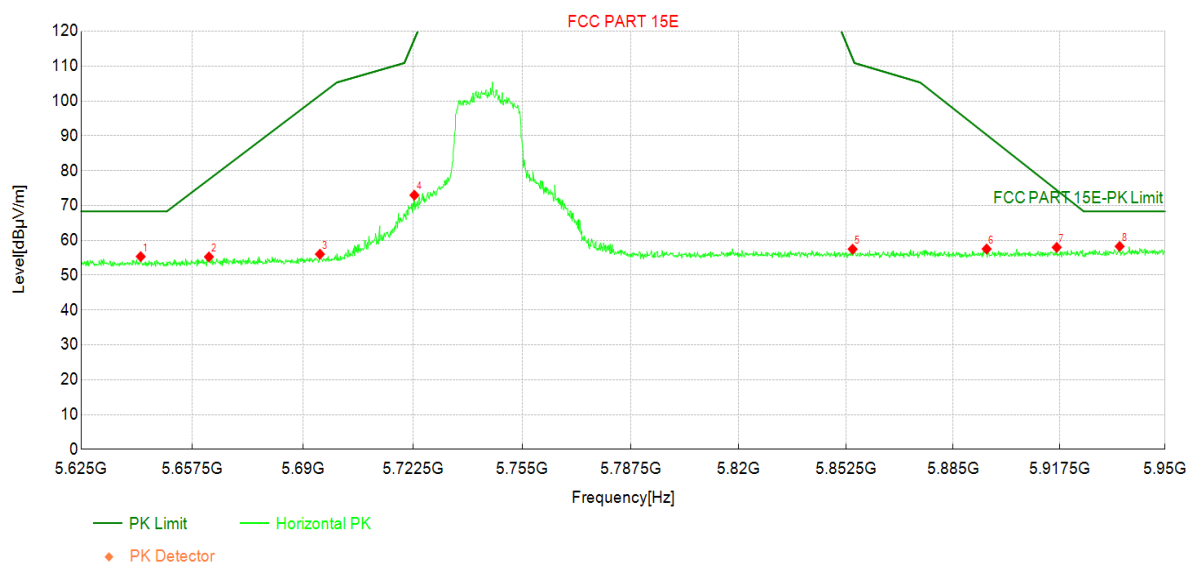
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5627.93	36.65	54.64	17.99	68.30	13.66	PK	Vertic	PASS
2	5647.91	36.64	54.83	18.19	68.30	13.47	PK	Vertic	PASS
3	5678.79	36.66	55.16	18.50	89.64	34.48	PK	Vertic	PASS
4	5715.51	37.07	55.76	18.69	109.65	53.89	PK	Vertic	PASS
5	5852.34	42.65	61.61	18.96	116.97	55.36	PK	Vertic	PASS
6	5873.95	38.40	57.53	19.13	105.59	48.06	PK	Vertic	PASS
7	5900.60	38.17	57.51	19.34	86.32	28.81	PK	Vertic	PASS
8	5943.18	38.12	57.79	19.67	68.30	10.51	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5745MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

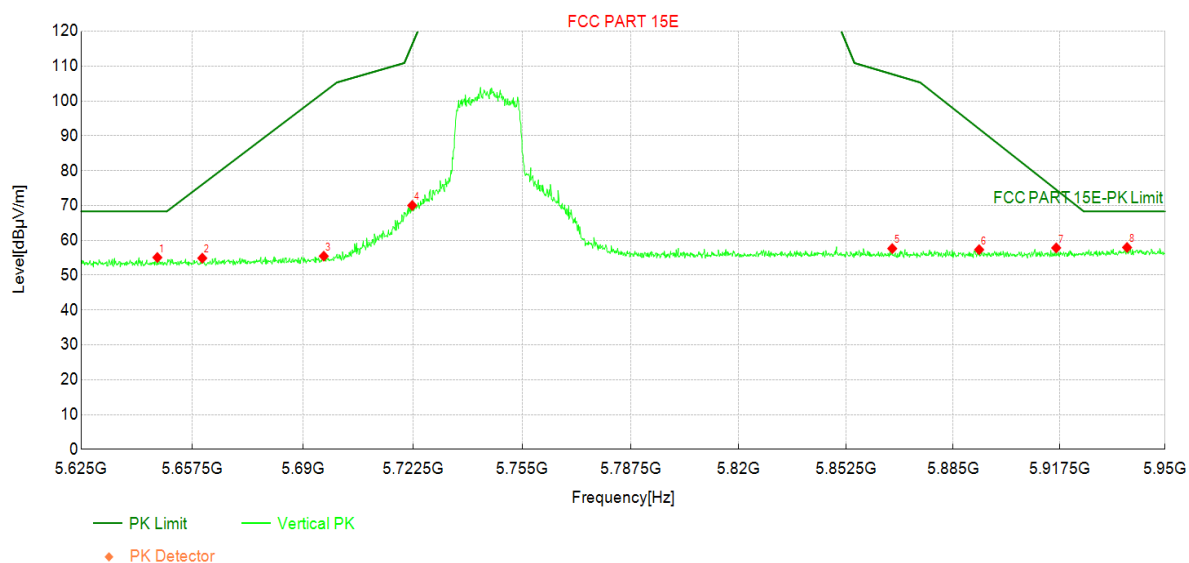
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5642.39	37.21	55.35	18.14	68.30	12.95	PK	Horizo	PASS
2	5662.38	36.92	55.25	18.33	77.49	22.24	PK	Horizo	PASS
3	5695.04	37.37	56.03	18.66	101.64	45.61	PK	Horizo	PASS
4	5722.99	54.29	72.96	18.67	117.71	44.75	PK	Horizo	PASS
5	5854.45	38.49	57.47	18.98	112.15	54.68	PK	Horizo	PASS
6	5895.24	38.22	57.52	19.30	90.29	32.77	PK	Horizo	PASS
7	5916.69	38.51	57.98	19.47	74.43	16.45	PK	Horizo	PASS
8	5936.03	38.65	58.26	19.61	68.30	10.04	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5745MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

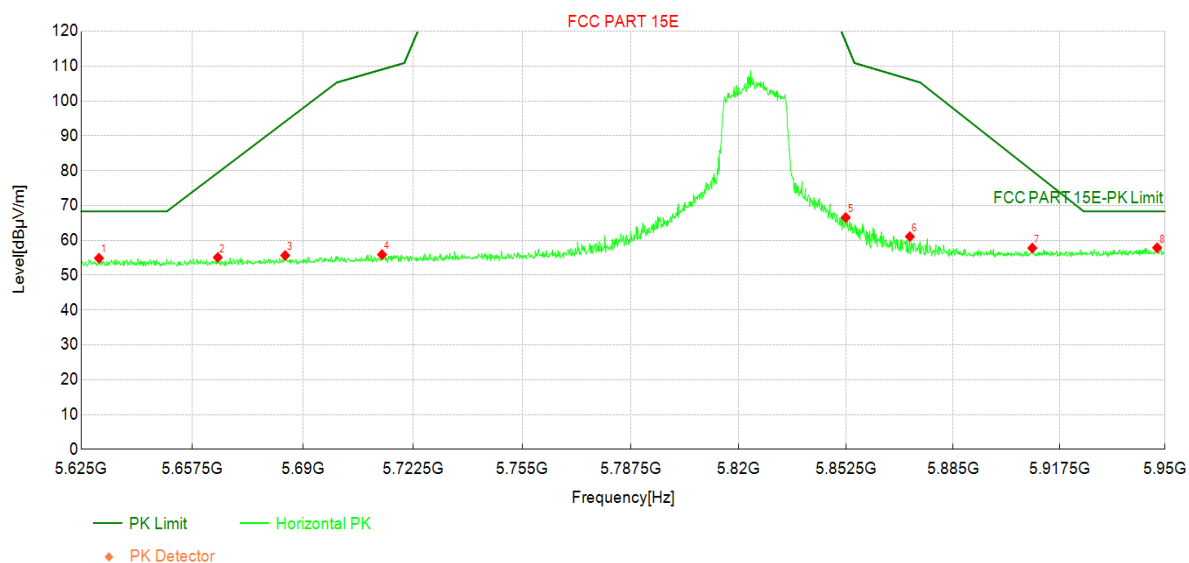
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5647.26	36.90	55.08	18.18	68.30	13.22	PK	Vertic	PASS
2	5660.43	36.56	54.88	18.32	76.04	21.16	PK	Vertic	PASS
3	5696.18	36.79	55.46	18.67	102.48	47.02	PK	Vertic	PASS
4	5722.34	51.34	70.01	18.67	116.23	46.22	PK	Vertic	PASS
5	5866.48	38.57	57.64	19.07	107.68	50.04	PK	Vertic	PASS
6	5892.96	38.04	57.32	19.28	91.97	34.65	PK	Vertic	PASS
7	5916.53	38.36	57.83	19.47	74.55	16.72	PK	Vertic	PASS
8	5938.30	38.32	57.95	19.63	68.30	10.35	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5825MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

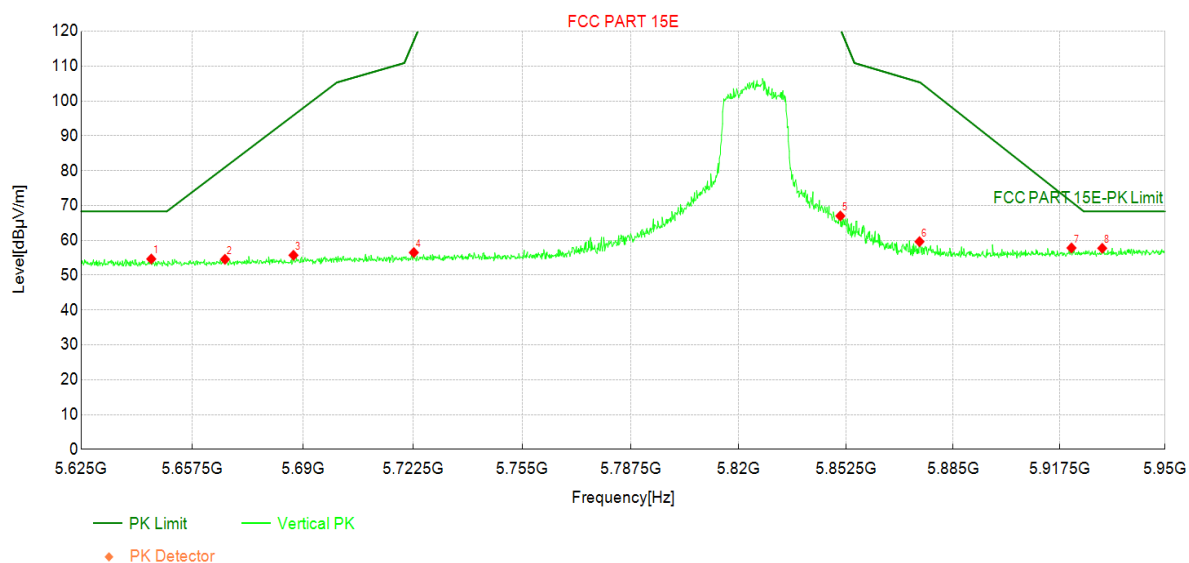
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5630.20	36.86	54.87	18.01	68.30	13.43	PK	Horizo	PASS
2	5664.98	36.73	55.09	18.36	79.42	24.33	PK	Horizo	PASS
3	5684.80	37.10	55.66	18.56	94.09	38.43	PK	Horizo	PASS
4	5713.40	37.22	55.91	18.69	109.05	53.14	PK	Horizo	PASS
5	5852.34	47.59	66.55	18.96	116.97	50.42	PK	Horizo	PASS
6	5871.84	41.95	61.07	19.12	106.18	45.11	PK	Horizo	PASS
7	5909.21	38.37	57.78	19.41	79.95	22.17	PK	Horizo	PASS
8	5947.56	38.17	57.87	19.70	68.30	10.43	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 5825MHz by 802.11ax(20MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

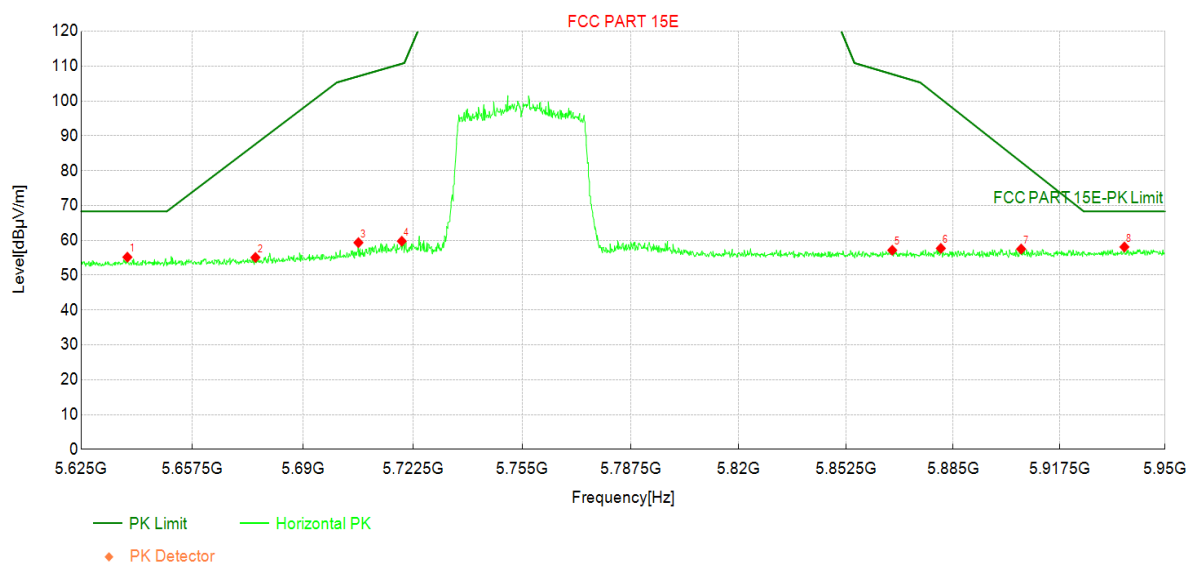
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5645.48	36.49	54.65	18.16	68.30	13.65	PK	Vertic	PASS
2	5667.09	36.17	54.55	18.38	80.98	26.43	PK	Vertic	PASS
3	5687.24	37.14	55.72	18.58	95.89	40.17	PK	Vertic	PASS
4	5722.83	37.83	56.50	18.67	117.34	60.84	PK	Vertic	PASS
5	5850.71	48.05	67.00	18.95	120.67	53.67	PK	Vertic	PASS
6	5874.76	40.49	59.63	19.14	105.37	45.74	PK	Vertic	PASS
7	5921.24	38.32	57.82	19.50	71.07	13.25	PK	Vertic	PASS
8	5930.66	38.16	57.73	19.57	68.30	10.57	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5755MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

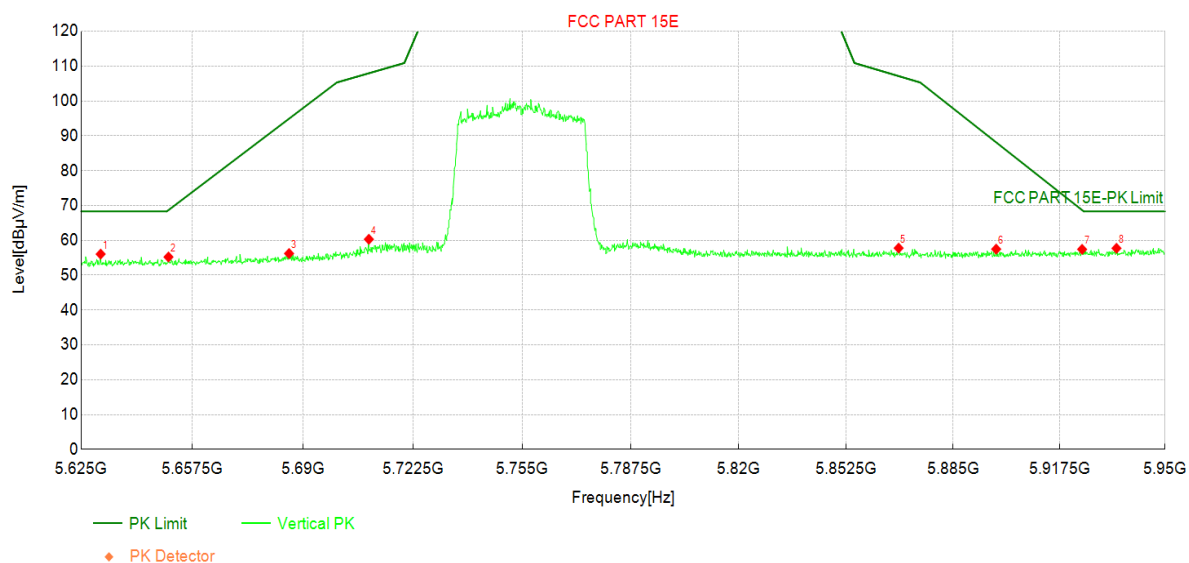
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5638.49	37.07	55.17	18.10	68.30	13.13	PK	Horizo	PASS
2	5676.03	36.62	55.09	18.47	87.60	32.51	PK	Horizo	PASS
3	5706.41	40.65	59.34	18.69	107.10	47.76	PK	Horizo	PASS
4	5719.25	41.08	59.75	18.67	110.69	50.94	PK	Horizo	PASS
5	5866.48	38.08	57.15	19.07	107.68	50.53	PK	Horizo	PASS
6	5881.26	38.51	57.70	19.19	100.65	42.95	PK	Horizo	PASS
7	5905.80	38.12	57.50	19.38	82.47	24.97	PK	Horizo	PASS
8	5937.49	38.47	58.10	19.63	68.30	10.20	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5755MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

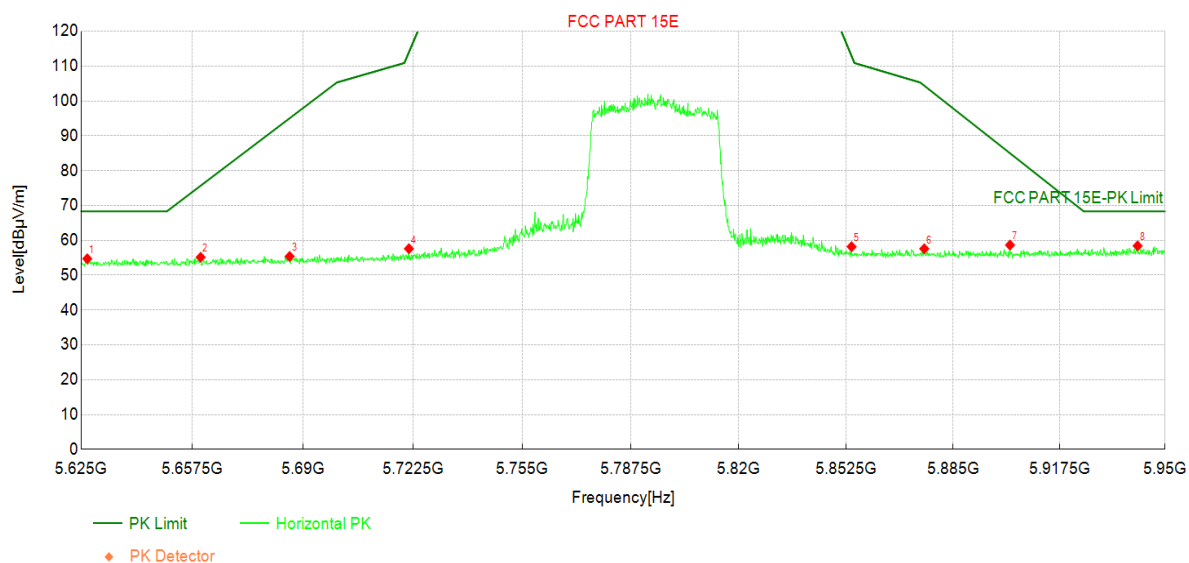
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5630.69	38.03	56.05	18.02	68.30	12.25	PK	Vertic	PASS
2	5650.51	37.00	55.22	18.22	68.68	13.46	PK	Vertic	PASS
3	5685.94	37.65	56.22	18.57	94.93	38.71	PK	Vertic	PASS
4	5709.50	41.61	60.30	18.69	107.96	47.66	PK	Vertic	PASS
5	5868.43	38.68	57.77	19.09	107.14	49.37	PK	Vertic	PASS
6	5898.16	38.14	57.47	19.33	88.12	30.65	PK	Vertic	PASS
7	5924.49	37.89	57.42	19.53	68.68	11.26	PK	Vertic	PASS
8	5935.05	38.11	57.72	19.61	68.30	10.58	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5795MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

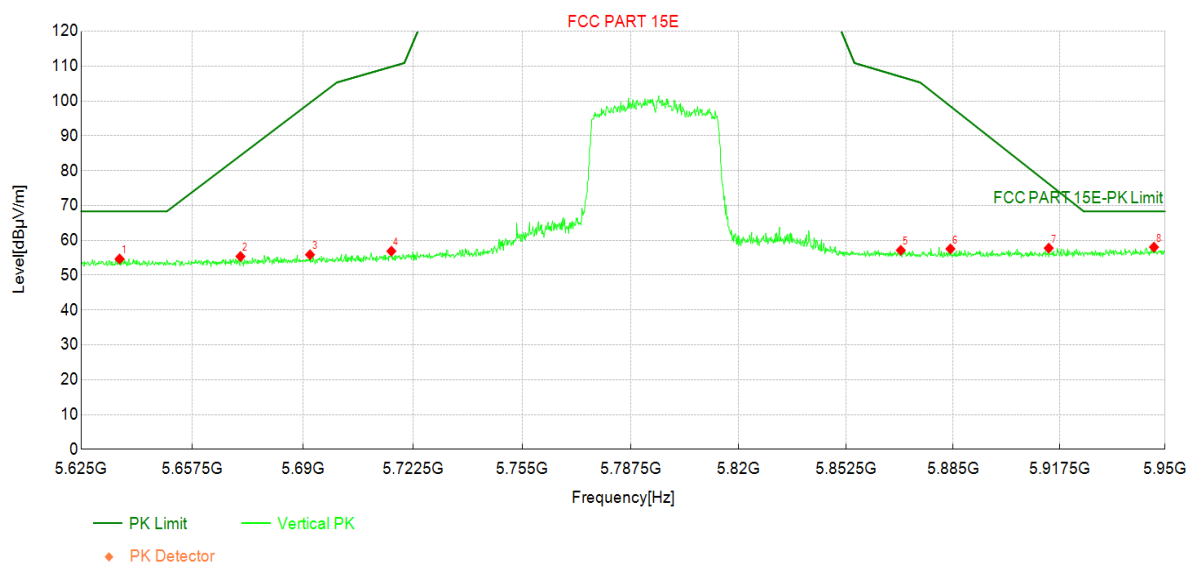
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5626.79	36.75	54.73	17.98	68.30	13.57	PK	Horizo	PASS
2	5659.94	36.83	55.14	18.31	75.68	20.54	PK	Horizo	PASS
3	5686.10	36.82	55.39	18.57	95.05	39.66	PK	Horizo	PASS
4	5721.36	38.93	57.60	18.67	114.01	56.41	PK	Horizo	PASS
5	5854.13	39.20	58.17	18.97	112.89	54.72	PK	Horizo	PASS
6	5876.23	38.44	57.59	19.15	104.39	46.80	PK	Horizo	PASS
7	5902.39	39.28	58.64	19.36	84.99	26.35	PK	Horizo	PASS
8	5941.55	38.75	58.41	19.66	68.30	9.89	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 5795MHz by 802.11ax(40MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

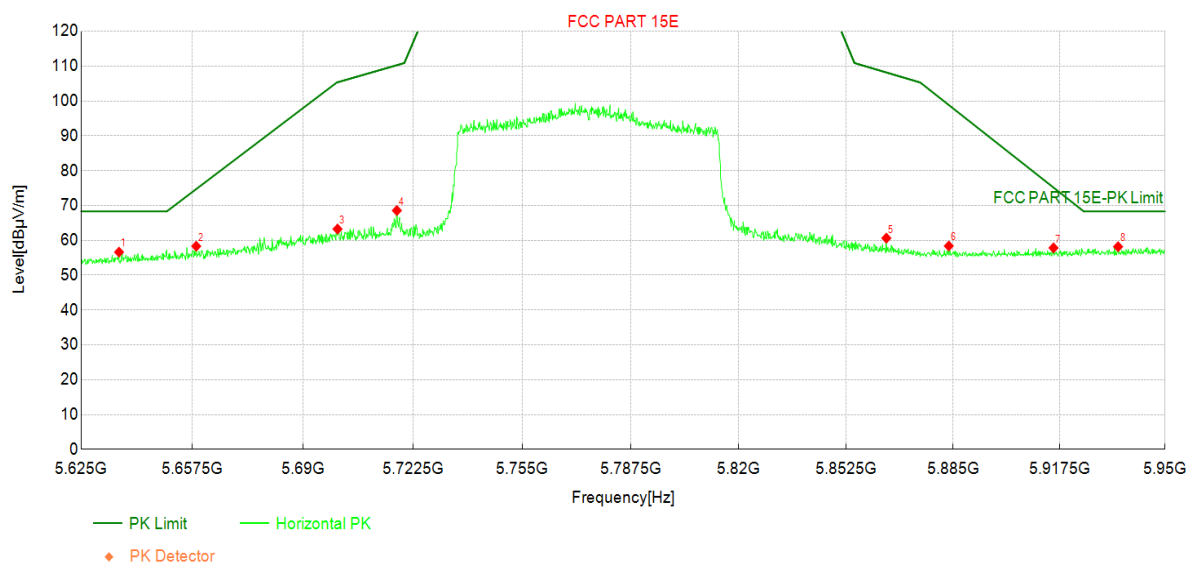
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5636.21	36.57	54.64	18.07	68.30	13.66	PK	Vertic	PASS
2	5671.64	36.96	55.38	18.42	84.35	28.97	PK	Vertic	PASS
3	5692.11	37.24	55.87	18.63	99.48	43.61	PK	Vertic	PASS
4	5716.16	38.19	56.88	18.69	109.83	52.95	PK	Vertic	PASS
5	5869.08	38.06	57.15	19.09	106.96	49.81	PK	Vertic	PASS
6	5884.19	38.34	57.55	19.21	98.48	40.93	PK	Vertic	PASS
7	5914.25	38.32	57.77	19.45	76.23	18.46	PK	Vertic	PASS
8	5946.59	38.35	58.05	19.70	68.30	10.25	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5775MHz by 802.11ax(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15E		

Test Graph



Suspected Data List

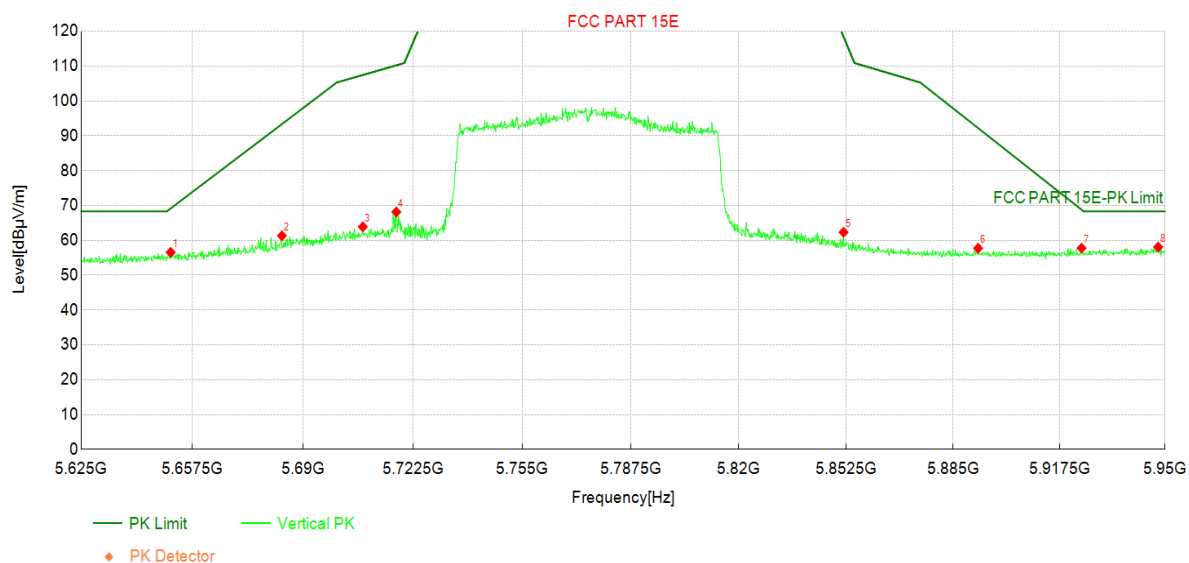
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5636.05	38.56	56.63	18.07	68.30	11.67	PK	Horizo	PASS
2	5658.64	40.03	58.32	18.29	74.72	16.40	PK	Horizo	PASS
3	5700.24	44.54	63.25	18.71	105.37	42.12	PK	Horizo	PASS
4	5717.79	49.87	68.55	18.68	110.28	41.73	PK	Horizo	PASS
5	5864.69	41.57	60.63	19.06	108.19	47.56	PK	Horizo	PASS
6	5883.70	39.17	58.38	19.21	98.84	40.46	PK	Horizo	PASS
7	5915.71	38.37	57.83	19.46	75.15	17.32	PK	Horizo	PASS
8	5935.54	38.55	58.16	19.61	68.30	10.14	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 5775MHz by 802.11ax(80MHz)	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	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	5651.16	38.32	56.54	18.22	69.16	12.62	PK	Vertic	PASS
2	5683.83	42.77	61.32	18.55	93.37	32.05	PK	Vertic	PASS
3	5707.71	45.19	63.89	18.70	107.46	43.57	PK	Vertic	PASS
4	5717.63	49.46	68.14	18.68	110.24	42.10	PK	Vertic	PASS
5	5851.69	43.37	62.32	18.95	118.45	56.13	PK	Vertic	PASS
6	5892.64	38.44	57.72	19.28	92.21	34.49	PK	Vertic	PASS
7	5924.33	38.24	57.77	19.53	68.80	11.03	PK	Vertic	PASS
8	5947.89	38.38	58.08	19.70	68.30	10.22	PK	Vertic	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Note:

1. We have evaluated SISO main antenna mode, SISO aux antenna mode and MIMO mode, shown in report is the worst data.

Appendix I: Frequency Stability

TestMode	Antenna	Frequency[MHz]	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	LV	NT	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11A	Ant1	5200	NV	NT	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	LV	NT	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	HV	NT	-20000.00	-3.846154	20	PASS
11A	Ant1	5240	NV	NT	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	LV	NT	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	HV	NT	-20000.00	-3.816794	20	PASS
11A	Ant1	5745	NV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	LV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS
11A	Ant1	5785	NV	NT	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	LV	NT	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	HV	NT	-20000.00	-3.457217	20	PASS
11A	Ant1	5825	NV	NT	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	HV	NT	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	LV	NT	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	LV	NT	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5200	NV	NT	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5200	LV	NT	-60000.00	-11.538462	20	PASS
11N20SISO	Ant1	5200	HV	NT	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5240	NV	NT	-60000.00	-11.450382	20	PASS
11N20SISO	Ant1	5240	LV	NT	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5240	HV	NT	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	LV	NT	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5785	NV	NT	-60000.00	-10.371651	20	PASS
11N20SISO	Ant1	5785	LV	NT	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5785	HV	NT	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5825	NV	NT	-20000.00	-3.433476	20	PASS
11N20SISO	Ant1	5825	LV	NT	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	HV	NT	-40000.00	-6.866953	20	PASS
11N40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5230	NV	NT	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	LV	NT	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	NT	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	NT	-40000.00	-6.902502	20	PASS

11N40SISO	Ant1	5795	LV	NT	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	HV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5180	LV	NT	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5180	HV	NT	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5200	NV	NT	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	LV	NT	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	HV	NT	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5240	NV	NT	-20000.00	-3.816794	20	PASS
11AC20SISO	Ant1	5240	LV	NT	-60000.00	-11.450382	20	PASS
11AC20SISO	Ant1	5240	HV	NT	-40000.00	-7.633588	20	PASS
11AC20SISO	Ant1	5745	NV	NT	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	LV	NT	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS
11AC20SISO	Ant1	5785	NV	NT	-20000.00	-3.457217	20	PASS
11AC20SISO	Ant1	5785	LV	NT	-20000.00	-3.457217	20	PASS
11AC20SISO	Ant1	5785	HV	NT	-20000.00	-3.457217	20	PASS
11AC20SISO	Ant1	5825	NV	NT	-40000.00	-6.866953	20	PASS
11AC20SISO	Ant1	5825	LV	NT	-20000.00	-3.433476	20	PASS
11AC20SISO	Ant1	5825	HV	NT	-40000.00	-6.866953	20	PASS
11AC40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
11AC40SISO	Ant1	5190	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	LV	NT	-40000.00	-7.648184	20	PASS
11AC40SISO	Ant1	5230	HV	NT	-40000.00	-7.648184	20	PASS
11AC40SISO	Ant1	5755	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5755	HV	NT	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5795	NV	NT	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant1	5795	LV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5795	HV	NT	-40000.00	-6.902502	20	PASS
11AC80SISO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	HV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5775	NV	NT	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5775	HV	NT	-80000.00	-13.852814	20	PASS
11AX20SISO	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5180	LV	NT	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5200	NV	NT	-40000.00	-7.692308	20	PASS
11AX20SISO	Ant1	5200	LV	NT	-20000.00	-3.846154	20	PASS
11AX20SISO	Ant1	5200	HV	NT	-40000.00	-7.692308	20	PASS
11AX20SISO	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5240	LV	NT	-20000.00	-3.816794	20	PASS
11AX20SISO	Ant1	5240	HV	NT	-20000.00	-3.816794	20	PASS
11AX20SISO	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
11AX20SISO	Ant1	5745	LV	NT	-20000.00	-3.481288	20	PASS
11AX20SISO	Ant1	5745	HV	NT	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5785	NV	NT	-20000.00	-3.457217	20	PASS

11AX20SISO	Ant1	5785	LV	NT	-20000.00	-3.457217	20	PASS
11AX20SISO	Ant1	5785	HV	NT	-20000.00	-3.457217	20	PASS
11AX20SISO	Ant1	5825	NV	NT	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	LV	NT	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	HV	NT	-40000.00	-6.866953	20	PASS
11AX40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	LV	NT	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	HV	NT	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5230	NV	NT	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant1	5230	LV	NT	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant1	5230	HV	NT	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant1	5755	NV	NT	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	LV	NT	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	HV	NT	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5795	NV	NT	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	LV	NT	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	HV	NT	-40000.00	-6.902502	20	PASS
11AX80SISO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	LV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	HV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	NV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	LV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	HV	NT	0.00	0.000000	20	PASS

TestMode	Antenna	Frequency[MHz]	Voltage[Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	-20	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	-10	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	10	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	20	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	30	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	50	-40000.00	-7.722008	20	PASS
11A	Ant1	5200	NV	-30	-40000.00	-7.692308	20	PASS
11A	Ant1	5200	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	-10	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	NV	0	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	NV	10	-40000.00	-7.692308	20	PASS
11A	Ant1	5200	NV	20	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	NV	30	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	NV	40	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	NV	50	-40000.00	-7.692308	20	PASS
11A	Ant1	5240	NV	-30	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	NV	-20	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	-10	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	0	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	10	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	NV	20	-40000.00	-7.633588	20	PASS

11A	Ant1	5240	NV	30	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	NV	40	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	50	-20000.00	-3.816794	20	PASS
11A	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	-20	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	-10	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	0	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	30	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	40	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	50	-40000.00	-6.962576	20	PASS
11A	Ant1	5785	NV	-30	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	-20	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	0	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	10	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	20	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	30	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	40	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	50	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	-10	-40000.00	-6.914434	20	PASS
11A	Ant1	5825	NV	-30	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	-20	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	-10	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	0	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	50	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	10	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	20	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	30	-20000.00	-3.433476	20	PASS
11N20SISO	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	NV	-20	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	NV	-10	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	NV	0	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	NV	10	-60000.00	-11.583012	20	PASS
11N20SISO	Ant1	5180	NV	20	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	NV	30	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	NV	40	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	NV	50	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5200	NV	-30	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5200	NV	-20	-40000.00	-7.692308	20	PASS
11N20SISO	Ant1	5200	NV	-10	-40000.00	-7.692308	20	PASS
11N20SISO	Ant1	5200	NV	0	-40000.00	-7.692308	20	PASS
11N20SISO	Ant1	5200	NV	10	-40000.00	-7.692308	20	PASS
11N20SISO	Ant1	5200	NV	20	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5200	NV	30	-40000.00	-7.692308	20	PASS
11N20SISO	Ant1	5200	NV	40	-40000.00	-7.692308	20	PASS
11N20SISO	Ant1	5200	NV	50	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5240	NV	-30	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	-20	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	-10	-20000.00	-3.816794	20	PASS

11N20SISO	Ant1	5240	NV	0	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5240	NV	10	0.00	0.000000	20	PASS
11N20SISO	Ant1	5240	NV	20	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5240	NV	30	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	40	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5240	NV	50	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	NV	-20	-40000.00	-6.962576	20	PASS
11N20SISO	Ant1	5745	NV	-10	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	NV	0	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	NV	10	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	NV	20	-80000.00	-13.925152	20	PASS
11N20SISO	Ant1	5745	NV	30	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11N20SISO	Ant1	5745	NV	50	-40000.00	-6.962576	20	PASS
11N20SISO	Ant1	5785	NV	-30	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5785	NV	-20	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5785	NV	-10	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5785	NV	0	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5785	NV	10	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5785	NV	20	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5785	NV	30	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5785	NV	40	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5785	NV	50	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5825	NV	-30	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	-20	-20000.00	-3.433476	20	PASS
11N20SISO	Ant1	5825	NV	-10	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	0	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	10	-60000.00	-10.300429	20	PASS
11N20SISO	Ant1	5825	NV	20	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	30	-60000.00	-10.300429	20	PASS
11N20SISO	Ant1	5825	NV	40	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	50	-20000.00	-3.433476	20	PASS
11N40SISO	Ant1	5190	NV	-30	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	NV	-20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	-10	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	NV	0	-80000.00	-15.414258	20	PASS
11N40SISO	Ant1	5190	NV	10	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	NV	20	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	NV	30	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	40	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	50	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5230	NV	-30	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	NV	-20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5230	NV	-10	-80000.00	-15.296367	20	PASS
11N40SISO	Ant1	5230	NV	0	0.00	0.000000	20	PASS
11N40SISO	Ant1	5230	NV	10	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	NV	20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5230	NV	30	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	NV	40	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	NV	50	-40000.00	-7.648184	20	PASS

11N40SISO	Ant1	5755	NV	-30	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	-20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	-10	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	0	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	10	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	30	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	40	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	50	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5795	NV	-30	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	-20	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	-10	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	0	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	10	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	30	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	40	-80000.00	-13.805004	20	PASS
11N40SISO	Ant1	5795	NV	50	-40000.00	-6.902502	20	PASS
11AC20SISO	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5180	NV	-20	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5180	NV	-10	-40000.00	-7.722008	20	PASS
11AC20SISO	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5180	NV	10	-40000.00	-7.722008	20	PASS
11AC20SISO	Ant1	5180	NV	20	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5180	NV	30	-60000.00	-11.583012	20	PASS
11AC20SISO	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11AC20SISO	Ant1	5180	NV	50	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5200	NV	-30	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	NV	-20	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	NV	-10	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	NV	0	-40000.00	-7.692308	20	PASS
11AC20SISO	Ant1	5200	NV	10	-40000.00	-7.692308	20	PASS
11AC20SISO	Ant1	5200	NV	20	-40000.00	-7.692308	20	PASS
11AC20SISO	Ant1	5200	NV	30	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	NV	40	-40000.00	-7.692308	20	PASS
11AC20SISO	Ant1	5200	NV	50	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5240	NV	-30	-40000.00	-7.633588	20	PASS
11AC20SISO	Ant1	5240	NV	-20	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5240	NV	-10	-20000.00	-3.816794	20	PASS
11AC20SISO	Ant1	5240	NV	0	-40000.00	-7.633588	20	PASS
11AC20SISO	Ant1	5240	NV	10	-40000.00	-7.633588	20	PASS
11AC20SISO	Ant1	5240	NV	20	-40000.00	-7.633588	20	PASS
11AC20SISO	Ant1	5240	NV	30	-20000.00	-3.816794	20	PASS
11AC20SISO	Ant1	5240	NV	40	-40000.00	-7.633588	20	PASS
11AC20SISO	Ant1	5240	NV	50	-20000.00	-3.816794	20	PASS
11AC20SISO	Ant1	5745	NV	-30	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5745	NV	-20	-20000.00	-3.481288	20	PASS
11AC20SISO	Ant1	5745	NV	-10	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	NV	0	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	NV	20	-20000.00	-3.481288	20	PASS

11AC20SISO	Ant1	5745	NV	30	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	NV	50	-60000.00	-10.443864	20	PASS
11AC20SISO	Ant1	5785	NV	-30	-20000.00	-3.457217	20	PASS
11AC20SISO	Ant1	5785	NV	-20	-20000.00	-3.457217	20	PASS
11AC20SISO	Ant1	5785	NV	-10	-40000.00	-6.914434	20	PASS
11AC20SISO	Ant1	5785	NV	0	-40000.00	-6.914434	20	PASS
11AC20SISO	Ant1	5785	NV	10	-20000.00	-3.457217	20	PASS
11AC20SISO	Ant1	5785	NV	20	-40000.00	-6.914434	20	PASS
11AC20SISO	Ant1	5785	NV	30	-20000.00	-3.457217	20	PASS
11AC20SISO	Ant1	5785	NV	40	-40000.00	-6.914434	20	PASS
11AC20SISO	Ant1	5785	NV	50	-40000.00	-6.914434	20	PASS
11AC20SISO	Ant1	5825	NV	-30	-20000.00	-3.433476	20	PASS
11AC20SISO	Ant1	5825	NV	-20	-20000.00	-3.433476	20	PASS
11AC20SISO	Ant1	5825	NV	-10	-60000.00	-10.300429	20	PASS
11AC20SISO	Ant1	5825	NV	0	-40000.00	-6.866953	20	PASS
11AC20SISO	Ant1	5825	NV	10	-60000.00	-10.300429	20	PASS
11AC20SISO	Ant1	5825	NV	20	-40000.00	-6.866953	20	PASS
11AC20SISO	Ant1	5825	NV	30	-40000.00	-6.866953	20	PASS
11AC20SISO	Ant1	5825	NV	40	-20000.00	-3.433476	20	PASS
11AC20SISO	Ant1	5825	NV	50	-20000.00	-3.433476	20	PASS
11AC40SISO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	NV	-20	-40000.00	-7.707129	20	PASS
11AC40SISO	Ant1	5190	NV	-10	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	NV	0	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	NV	10	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	NV	20	-40000.00	-7.707129	20	PASS
11AC40SISO	Ant1	5190	NV	30	-40000.00	-7.707129	20	PASS
11AC40SISO	Ant1	5190	NV	40	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	NV	50	-40000.00	-7.707129	20	PASS
11AC40SISO	Ant1	5230	NV	-30	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	NV	-20	40000.00	7.648184	20	PASS
11AC40SISO	Ant1	5230	NV	-10	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	NV	0	-40000.00	-7.648184	20	PASS
11AC40SISO	Ant1	5230	NV	10	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	NV	20	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	NV	30	-40000.00	-7.648184	20	PASS
11AC40SISO	Ant1	5230	NV	40	-40000.00	-7.648184	20	PASS
11AC40SISO	Ant1	5230	NV	50	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5755	NV	-30	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	-20	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5755	NV	-10	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5755	NV	0	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	10	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	20	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	30	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	40	-40000.00	-6.950478	20	PASS
11AC40SISO	Ant1	5755	NV	50	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5795	NV	-30	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5795	NV	-20	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant1	5795	NV	-10	-40000.00	-6.902502	20	PASS

11AC40SISO	Ant1	5795	NV	0	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant1	5795	NV	10	-40000.00	-6.902502	20	PASS
11AC40SISO	Ant1	5795	NV	20	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5795	NV	30	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5795	NV	40	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5795	NV	50	-40000.00	-6.902502	20	PASS
11AC80SISO	Ant1	5210	NV	-30	-80000.00	-15.355086	20	PASS
11AC80SISO	Ant1	5210	NV	-20	-80000.00	-15.355086	20	PASS
11AC80SISO	Ant1	5210	NV	-10	-80000.00	-15.355086	20	PASS
11AC80SISO	Ant1	5210	NV	0	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	10	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	20	-80000.00	-15.355086	20	PASS
11AC80SISO	Ant1	5210	NV	30	-80000.00	-15.355086	20	PASS
11AC80SISO	Ant1	5210	NV	40	-80000.00	-15.355086	20	PASS
11AC80SISO	Ant1	5210	NV	50	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5775	NV	-30	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	-20	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	-10	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	0	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	10	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	20	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5775	NV	30	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	40	-80000.00	-13.852814	20	PASS
11AC80SISO	Ant1	5775	NV	50	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5180	NV	-20	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5180	NV	-10	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5180	NV	0	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5180	NV	10	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5180	NV	20	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5180	NV	30	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5180	NV	50	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5200	NV	-30	-40000.00	-7.692308	20	PASS
11AX20SISO	Ant1	5200	NV	-20	-40000.00	-7.692308	20	PASS
11AX20SISO	Ant1	5200	NV	-10	-40000.00	-7.692308	20	PASS
11AX20SISO	Ant1	5200	NV	0	-40000.00	-7.692308	20	PASS
11AX20SISO	Ant1	5200	NV	10	-40000.00	-7.692308	20	PASS
11AX20SISO	Ant1	5200	NV	20	-40000.00	-7.692308	20	PASS
11AX20SISO	Ant1	5200	NV	30	-40000.00	-7.692308	20	PASS
11AX20SISO	Ant1	5200	NV	40	-40000.00	-7.692308	20	PASS
11AX20SISO	Ant1	5200	NV	50	-40000.00	-7.692308	20	PASS
11AX20SISO	Ant1	5240	NV	-30	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5240	NV	-20	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5240	NV	-10	-20000.00	-3.816794	20	PASS
11AX20SISO	Ant1	5240	NV	0	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5240	NV	10	-20000.00	-3.816794	20	PASS
11AX20SISO	Ant1	5240	NV	20	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5240	NV	30	-20000.00	-3.816794	20	PASS
11AX20SISO	Ant1	5240	NV	40	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5240	NV	50	-40000.00	-7.633588	20	PASS

11AX20SISO	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
11AX20SISO	Ant1	5745	NV	-20	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	NV	-10	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	NV	0	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	NV	30	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	NV	40	-20000.00	-3.481288	20	PASS
11AX20SISO	Ant1	5745	NV	50	-20000.00	-3.481288	20	PASS
11AX20SISO	Ant1	5785	NV	-30	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	NV	-20	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	NV	-10	-20000.00	-3.457217	20	PASS
11AX20SISO	Ant1	5785	NV	0	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	NV	10	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	NV	20	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	NV	30	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	NV	40	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	NV	50	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5825	NV	-30	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	NV	-20	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	NV	-10	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	NV	0	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	NV	10	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	NV	20	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	NV	30	-20000.00	-3.433476	20	PASS
11AX20SISO	Ant1	5825	NV	40	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	NV	50	-40000.00	-6.866953	20	PASS
11AX40SISO	Ant1	5190	NV	-30	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	-20	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	-10	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	0	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	10	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	20	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	30	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	40	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	50	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5230	NV	-30	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant1	5230	NV	-20	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant1	5230	NV	-10	-40000.00	-7.648184	20	PASS
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11AX40SISO	Ant1	5230	NV	10	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant1	5230	NV	20	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant1	5230	NV	30	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant1	5230	NV	40	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant1	5230	NV	50	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant1	5755	NV	-30	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	NV	-20	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	NV	-10	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	NV	0	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	NV	10	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	NV	20	-40000.00	-6.950478	20	PASS

11AX40SISO	Ant1	5755	NV	30	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	NV	40	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	NV	50	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5795	NV	-30	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	NV	-20	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	NV	-10	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	NV	0	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	NV	10	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	NV	20	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	NV	30	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	NV	40	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	NV	50	40000.00	6.902502	20	PASS
11AX80SISO	Ant1	5210	NV	-30	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	NV	-20	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	NV	-10	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	NV	0	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	NV	10	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	NV	20	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	NV	30	-80000.00	-15.355086	20	PASS
11AX80SISO	Ant1	5210	NV	40	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	NV	50	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	NV	-20	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	NV	-10	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	NV	0	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	NV	10	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	NV	20	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	NV	30	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	NV	40	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	NV	50	80000.00	13.852814	20	PASS

The End