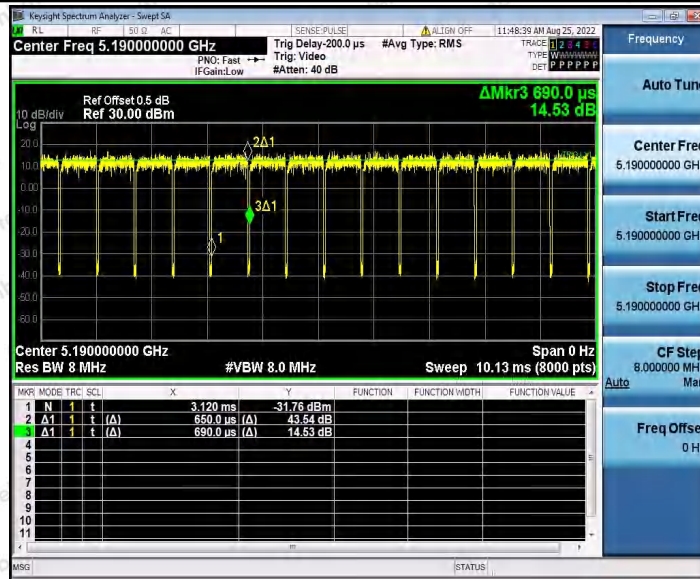
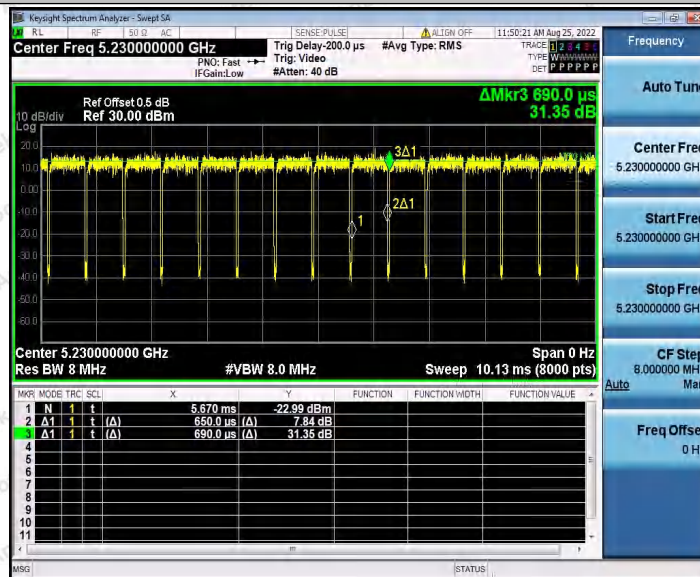
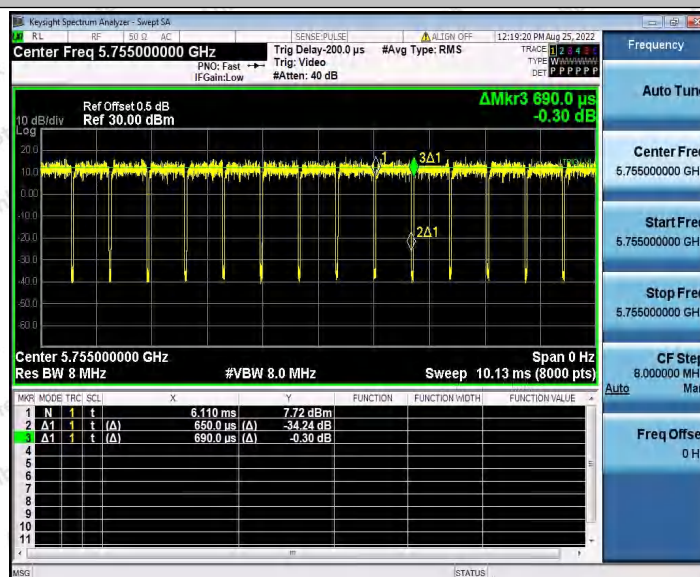




11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



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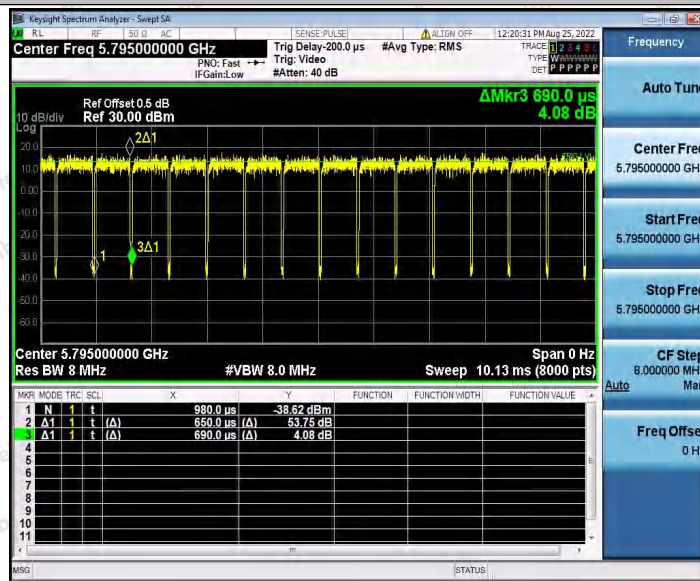
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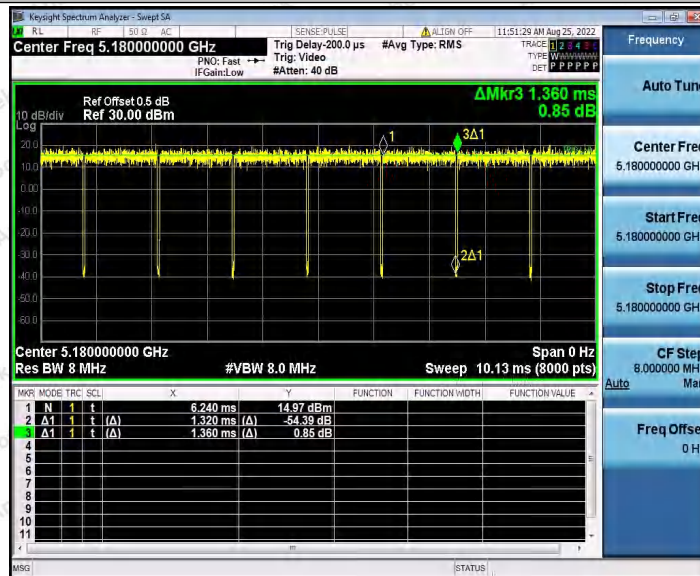
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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200

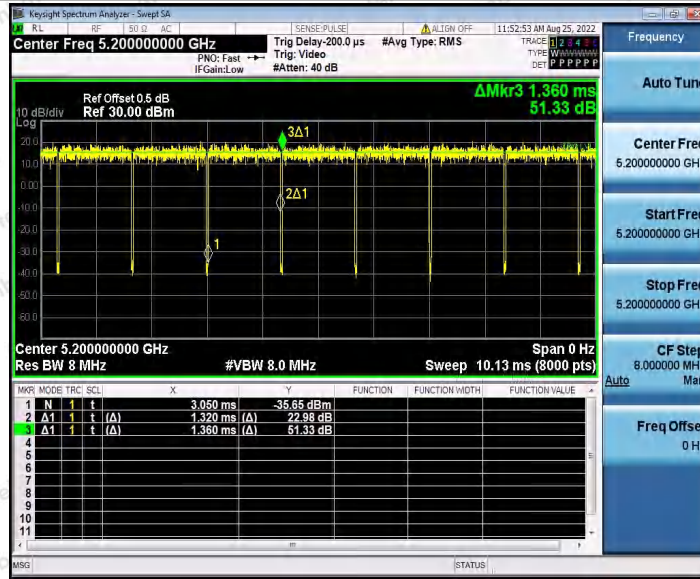
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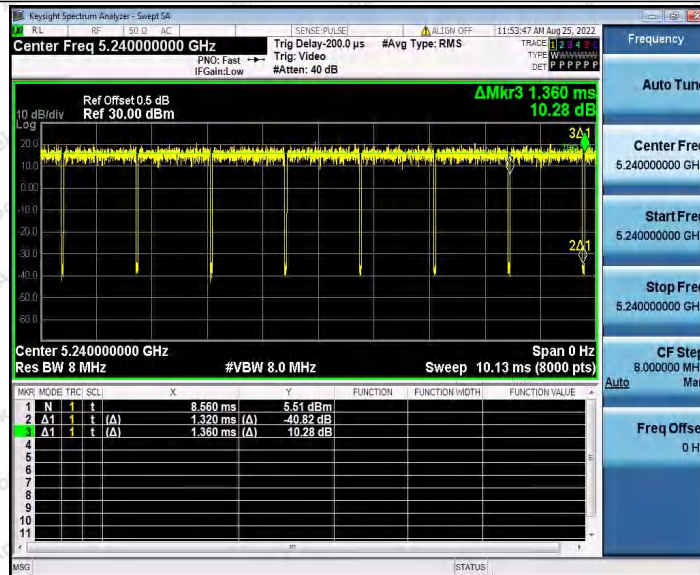


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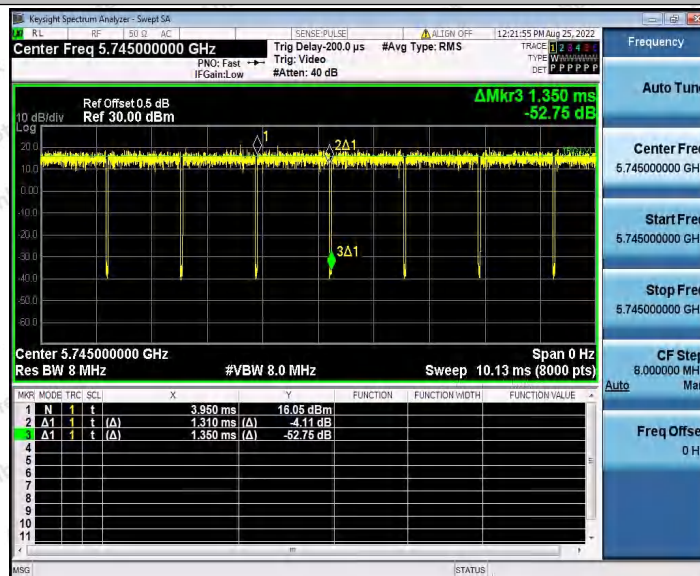




11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



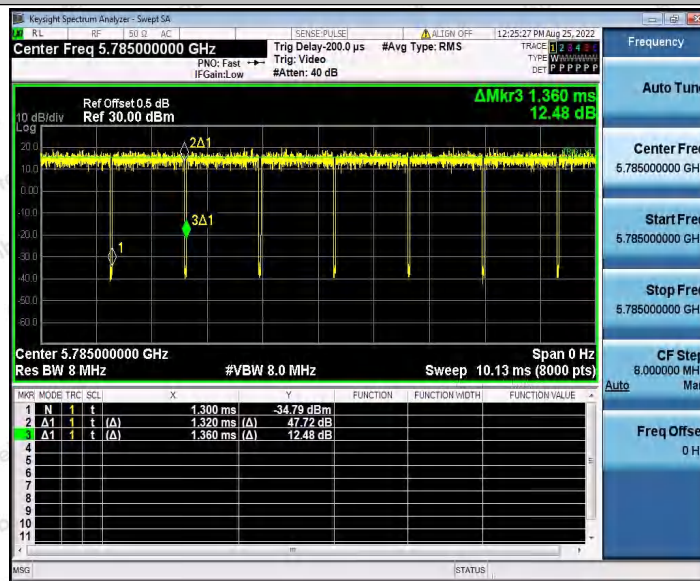
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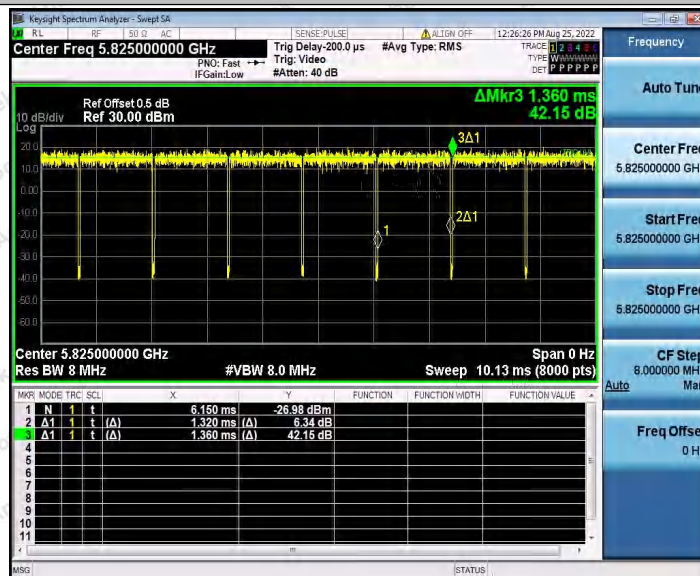
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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190

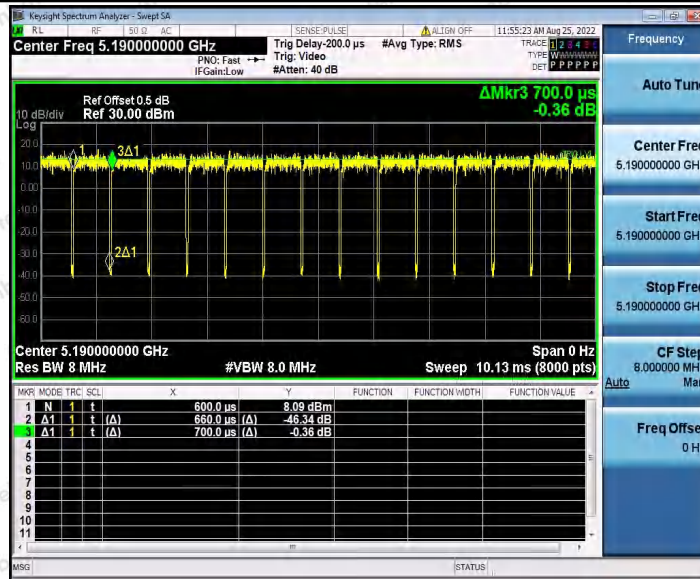
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

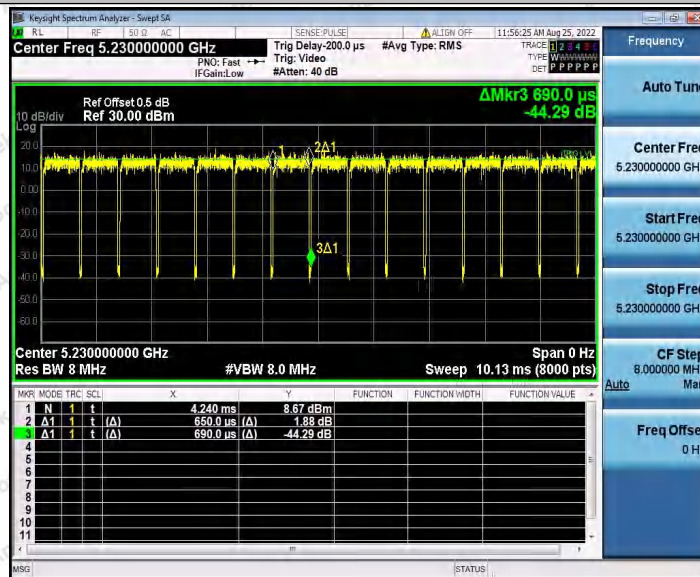


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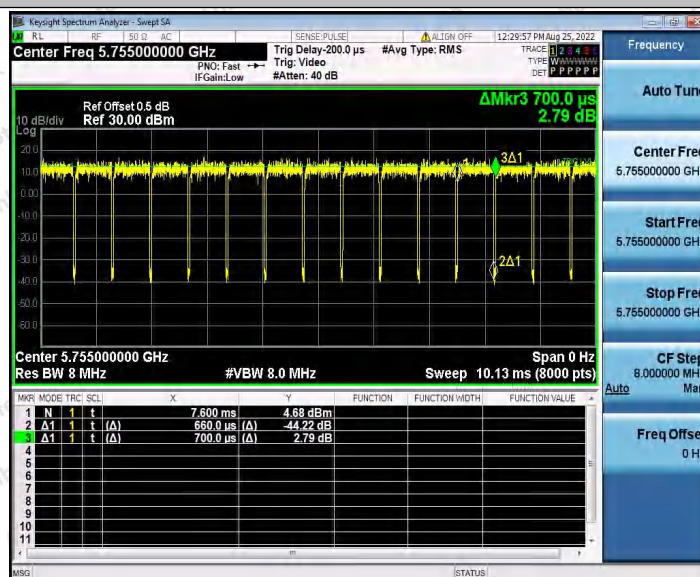




11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



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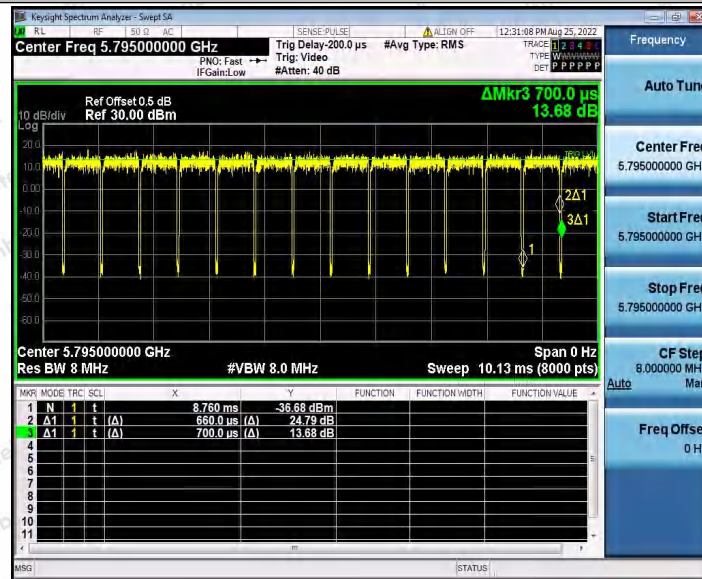
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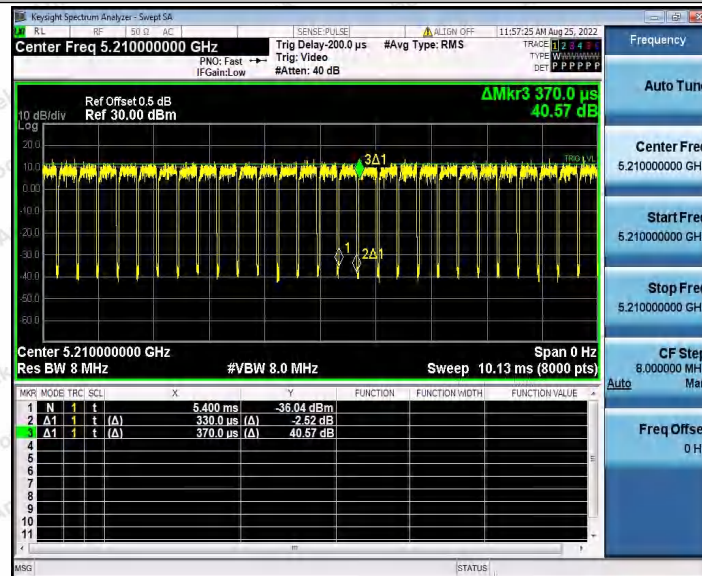
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11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

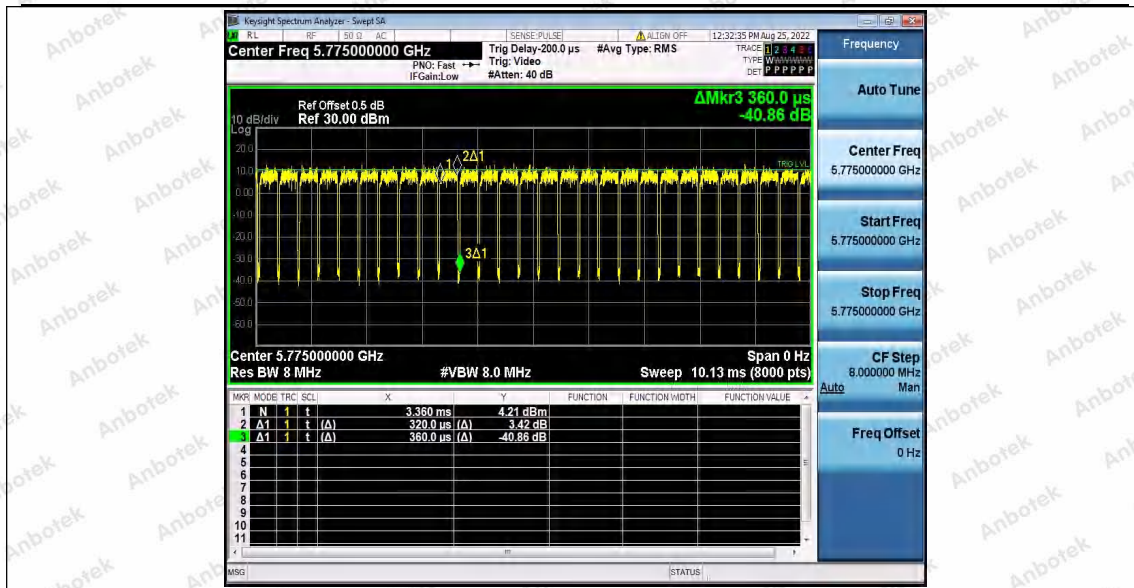
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Appendix C: Maximum conducted output power

Test Result Channel Power

WiFi 5.2G:

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power[dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	---	18.09	96.53	0.15	18.24	≤23.98	PASS
		5200	---	18.69	97.22	0.12	18.81	≤23.98	PASS
		5240	---	18.58	96.53	0.15	18.73	≤23.98	PASS
11N20SISO	Ant1	5180	---	18.29	97.01	0.13	18.42	≤23.98	PASS
		5200	---	18.6	97.04	0.13	18.73	≤23.98	PASS
		5240	---	18.8	97.01	0.13	18.93	≤23.98	PASS
11N40SISO	Ant1	5190	---	18.84	94.2	0.26	19.1	≤23.98	PASS
		5230	---	19.44	94.2	0.26	19.7	≤23.98	PASS
11AC20SISO	Ant1	5180	---	18.5	97.06	0.13	18.63	≤23.98	PASS
		5200	---	18.58	97.06	0.13	18.71	≤23.98	PASS
		5240	---	18.7	97.06	0.13	18.83	≤23.98	PASS
11AC40SISO	Ant1	5190	---	21.74	0	0	21.74	≤23.98	PASS
		5230	---	19.64	94.2	0.26	19.9	≤23.98	PASS
11AC80SISO	Ant1	5210	---	19.03	89.19	0.5	19.53	≤23.98	PASS

WiFi 5.8G:

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power[dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	---	19.3	97.22	0.12	19.42	≤30.00	PASS
		5785	---	18.43	97.22	0.12	18.55	≤30.00	PASS
		5825	---	18.73	97.22	0.12	18.85	≤30.00	PASS
11N20SISO	Ant1	5745	---	18.85	97.04	0.13	18.98	≤30.00	PASS
		5785	---	18.29	97.04	0.13	18.42	≤30.00	PASS
		5825	---	18.8	97.04	0.13	18.93	≤30.00	PASS
11N40SISO	Ant1	5755	---	18.87	94.2	0.26	19.13	≤30.00	PASS
		5795	---	19.29	94.2	0.26	19.55	≤30.00	PASS
11AC20SISO	Ant1	5745	---	18.94	97.04	0.13	19.07	≤30.00	PASS
		5785	---	18.32	97.06	0.13	18.45	≤30.00	PASS
		5825	---	18.86	97.06	0.13	18.99	≤30.00	PASS
11AC40SISO	Ant1	5755	---	21.71	0	0	21.71	≤30.00	PASS
		5795	---	19.29	94.29	0.26	19.55	≤30.00	PASS
11AC80SISO	Ant1	5775	---	18.79	88.89	0.51	19.3	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

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Appendix D: Maximum power spectral density

Test Result

WiFi 5.2G:

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	9.58	≤11.00	PASS
		5200	9.94	≤11.00	PASS
		5240	9.95	≤11.00	PASS
11N20SISO	Ant1	5180	9.44	≤11.00	PASS
		5200	9.99	≤11.00	PASS
		5240	9.76	≤11.00	PASS
11N40SISO	Ant1	5190	7.33	≤11.00	PASS
		5230	7.86	≤11.00	PASS
11AC20SISO	Ant1	5180	9.53	≤11.00	PASS
		5200	9.64	≤11.00	PASS
		5240	9.61	≤11.00	PASS
11AC40SISO	Ant1	5190	6.97	≤11.00	PASS
		5230	7.85	≤11.00	PASS
11AC80SISO	Ant1	5210	3.85	≤11.00	PASS

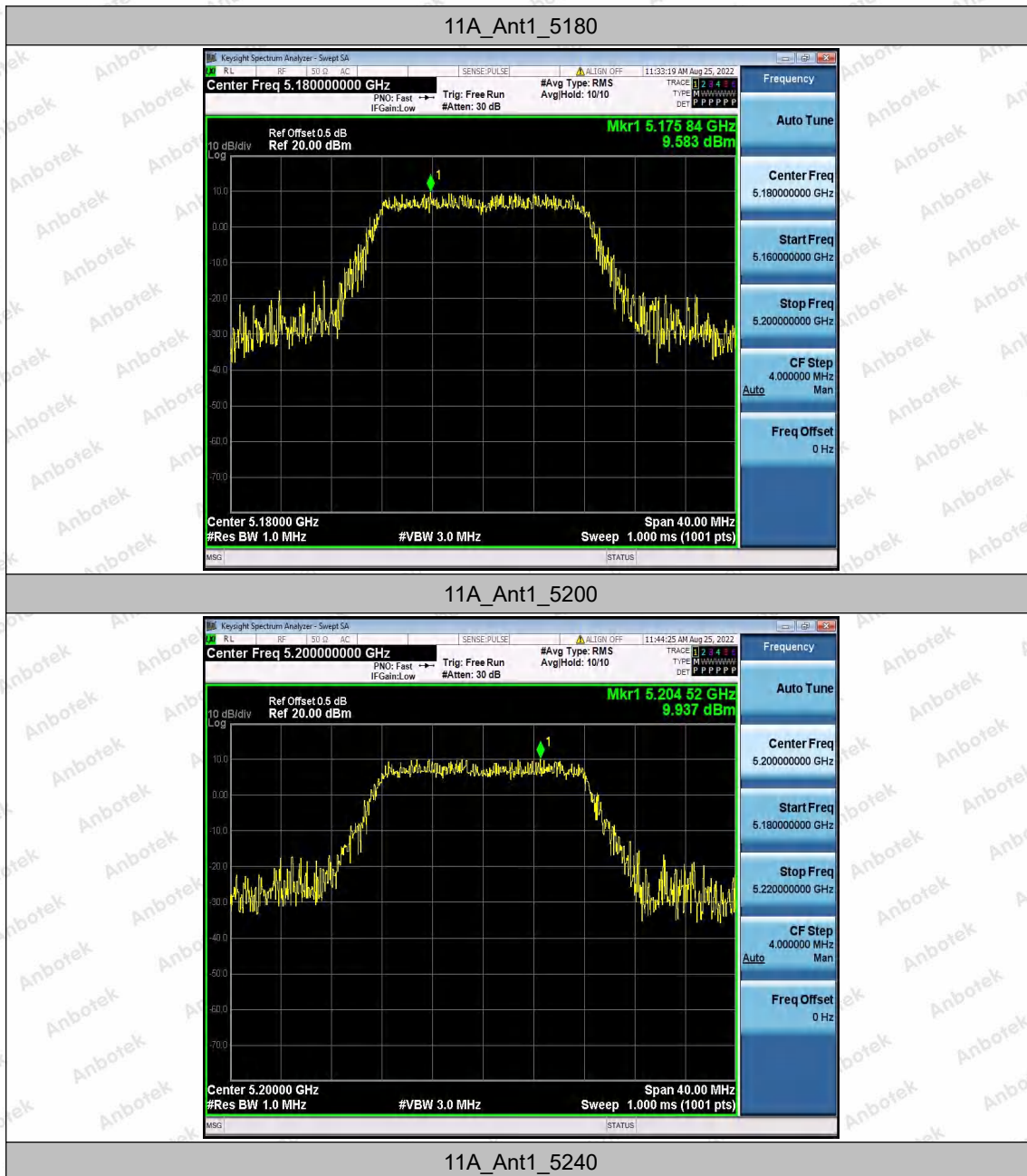
WiFi 5.8G:

Test Mode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500 KHz]	Verdict
11A	Ant1	5745	7.33	≤30.00	PASS
		5785	6.11	≤30.00	PASS
		5825	6.17	≤30.00	PASS
11N20SISO	Ant1	5745	6.91	≤30.00	PASS
		5785	5.45	≤30.00	PASS
		5825	5.53	≤30.00	PASS
11N40SISO	Ant1	5755	2.99	≤30.00	PASS
		5795	3.68	≤30.00	PASS
11AC20SISO	Ant1	5745	7.26	≤30.00	PASS
		5785	5.77	≤30.00	PASS
		5825	5.71	≤30.00	PASS
11AC40SISO	Ant1	5755	3.66	≤30.00	PASS
		5795	4.44	≤30.00	PASS
11AC80SISO	Ant1	5775	-0.34	≤30.00	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.



Test Graphs



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11A_Ant1_5745



11A_Ant1_5785



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11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200

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11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190

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11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



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11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200

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11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190

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11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



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11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

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Appendix E: Band edge measurements

Test Result B1/2/3

Test Mode	Antenna	Ch Name	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-33.7	≤-27	PASS
		High	5240	-42.62	≤-27	PASS
11N20SISO	Ant1	Low	5180	-33.57	≤-27	PASS
		High	5240	-42.08	≤-27	PASS
11N40SISO	Ant1	Low	5190	-29.22	≤-27	PASS
		High	5230	-43.04	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-35.52	≤-27	PASS
		High	5240	-42.52	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-31.13	≤-27	PASS
		High	5230	-43.15	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-30.39	≤-27	PASS
		High	5210	-41.55	≤-27	PASS

Test Result B4

Test Mode	Antenna	Ch Name	Frequency[MHz]	Freq Range [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-35.56	≤8.03	PASS
				5700~5720	-24.04	≤14.98	PASS
				5720~5725	-18.57	≤20.83	PASS
				5755~5650	-41.68	≤-27	PASS
		High	5825	5850~5855	-26.61	≤18.22	PASS
				5855~5875	-30	≤10.69	PASS
				5875~5925	-35.01	≤-7.58	PASS
				5925~5950	-42.09	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-37.73	≤-14.68	PASS
				5700~5720	-27.57	≤15.20	PASS
				5720~5725	-15	≤21.54	PASS
				5755~5650	-42.1	≤-27	PASS
		High	5825	5850~5855	-25.79	≤16.51	PASS
				5855~5875	-28.55	≤10.56	PASS
				5875~5925	-35.83	≤-12.13	PASS
				5925~5950	-42.1	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-30.36	≤5.29	PASS
				5700~5720	-14.01	≤15.58	PASS
				5720~5725	-13.81	≤26.64	PASS
				5745~5650	-38.92	≤-27	PASS
		High	5795	5850~5855	-30.53	≤16.15	PASS

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11AC20SISO	Ant1	Low	5745	5855~5875	-28.43	≤ 10.13	PASS
				5875~5925	-33.83	≤ -25.04	PASS
				5925~5950	-40.53	≤ -27	PASS
		High	5825	5650~5700	-34.79	≤ 8.72	PASS
				5700~5720	-23.3	≤ 15.59	PASS
				5720~5725	-17.47	≤ 25.78	PASS
				5755~5650	-42.02	≤ -27	PASS
				5850~5855	-24.34	≤ 16.51	PASS
				5855~5875	-27.7	≤ 10.14	PASS
11AC40SISO	Ant1	Low	5755	5875~5925	-35.21	≤ -13.46	PASS
				5925~5950	-42.04	≤ -27	PASS
				5650~5700	-29.28	≤ 10.00	PASS
		High	5795	5700~5720	-14.3	≤ 15.58	PASS
				5720~5725	-16.1	≤ 26.64	PASS
				5745~5650	-37.93	≤ -27	PASS
				5850~5855	-30.2	≤ 20.11	PASS
				5855~5875	-30.27	≤ 11.18	PASS
				5875~5925	-33.48	≤ -25.90	PASS
11AC80SISO	Ant1	Low	5775	5925~5950	-40.56	≤ -27	PASS
				5650~5700	-24.97	≤ 9.63	PASS
				5700~5720	-19.92	≤ 15.03	PASS
		High	5775	5720~5725	-19.44	≤ 17.75	PASS
				5765~5650	-34.29	≤ -27	PASS
				5850~5855	-23.07	≤ 19.45	PASS
				5855~5875	-22.32	≤ 13.90	PASS
				5875~5925	-27.36	≤ -26.12	PASS
				5925~5950	-39.85	≤ -27	PASS

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Test Graphs B1/2/3

11A_Ant1_Low_5180



11A_Ant1_High_5240



11N20SISO_Ant1_Low_5180

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11N20SISO_Ant1_High_5240



11N40SISO_Ant1_Low_5190



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11N40SISO_Ant1_High_5230



11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240

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11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



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11AC80SISO_Ant1_Low_5210



11AC80SISO_Ant1_High_5210



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Test Graphs B4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745

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11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



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11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825

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11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



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11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



---End---

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