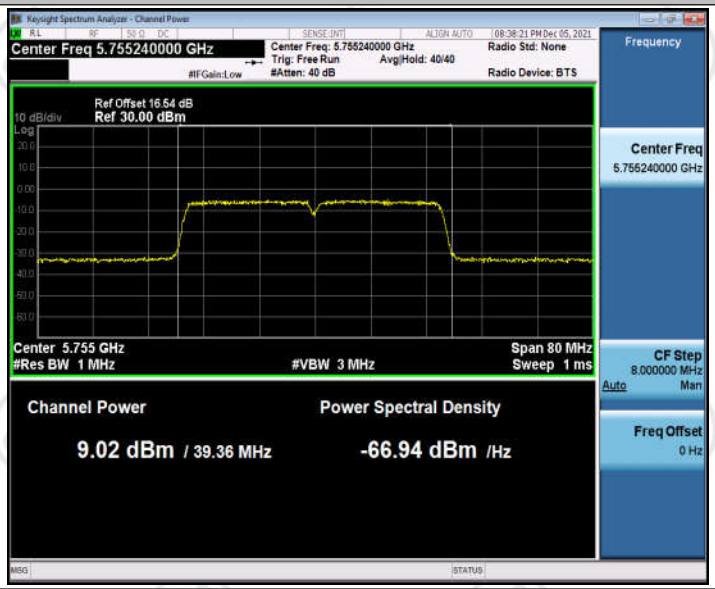
11AC40MIMO_Ant2_5230

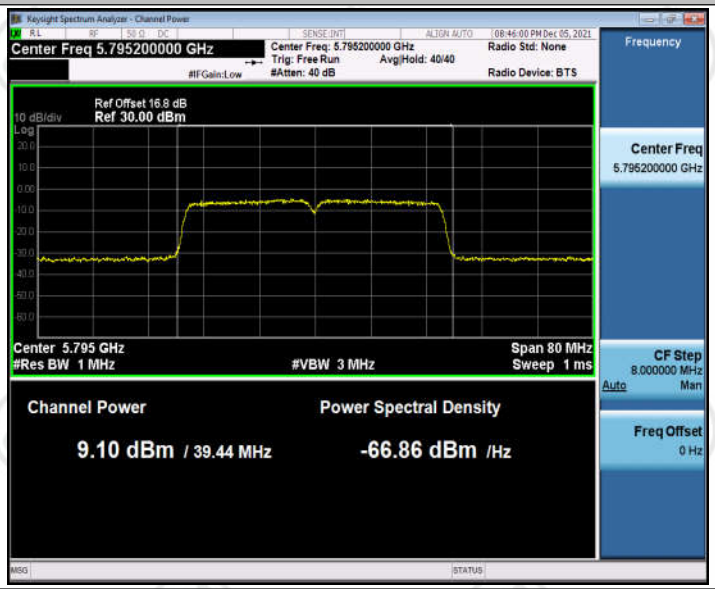
11AC40MIMO_Ant1_5755

11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795

11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5210

11AC80MIMO_Ant2_5210

11AC80MIMO_Ant1_5775

11AC80MIMO_Ant2_5775

Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6.07	<=11	PASS
	Ant2	5180	7.83	<=11	PASS
	Ant1	5200	7	<=11	PASS
	Ant2	5200	7.6	<=11	PASS
	Ant1	5240	7.39	<=11	PASS
	Ant2	5240	7.63	<=11	PASS
	Ant1	5745	4.67	<=30	PASS
	Ant2	5745	4.62	<=30	PASS
	Ant1	5785	5.21	<=30	PASS
	Ant2	5785	4.64	<=30	PASS
	Ant1	5825	4.59	<=30	PASS
	Ant2	5825	4.4	<=30	PASS
11N20SISO	Ant1	5180	7.28	<=11	PASS
	Ant2	5180	6.18	<=11	PASS
	Ant1	5200	7.39	<=11	PASS
	Ant2	5200	6.29	<=11	PASS
	Ant1	5240	6.58	<=11	PASS
	Ant2	5240	6.05	<=11	PASS
	Ant1	5745	3.78	<=30	PASS
	Ant2	5745	4.53	<=30	PASS
	Ant1	5785	4.91	<=30	PASS
	Ant2	5785	4.74	<=30	PASS
	Ant1	5825	4.01	<=30	PASS
	Ant2	5825	4.78	<=30	PASS
11N40SISO	Ant1	5190	2.25	<=11	PASS
	Ant2	5190	2.5	<=11	PASS
	Ant1	5230	1.83	<=11	PASS
	Ant2	5230	3.43	<=11	PASS
	Ant1	5755	0.51	<=30	PASS
	Ant2	5755	1.55	<=30	PASS
	Ant1	5795	0.98	<=30	PASS
	Ant2	5795	0.78	<=30	PASS
11AC20SISO	Ant1	5180	6.09	<=11	PASS
	Ant2	5180	5.87	<=11	PASS
	Ant1	5200	6.54	<=11	PASS
	Ant2	5200	6.32	<=11	PASS
	Ant1	5240	6.59	<=11	PASS

	Ant2	5240	6.91	<=11	PASS
	Ant1	5745	3.92	<=30	PASS
	Ant2	5745	4.98	<=30	PASS
	Ant1	5785	4.14	<=30	PASS
	Ant2	5785	4.37	<=30	PASS
	Ant1	5825	3.13	<=30	PASS
	Ant2	5825	3.61	<=30	PASS
11AC40SISO	Ant1	5190	2.79	<=11	PASS
	Ant2	5190	2.27	<=11	PASS
	Ant1	5230	1.86	<=11	PASS
	Ant2	5230	3.08	<=11	PASS
	Ant1	5755	0.3	<=30	PASS
	Ant2	5755	0.61	<=30	PASS
	Ant1	5795	0.38	<=30	PASS
	Ant2	5795	0.63	<=30	PASS
11AC80SISO	Ant1	5210	0.45	<=11	PASS
	Ant2	5210	-0.56	<=11	PASS
	Ant1	5775	-1.58	<=30	PASS
	Ant2	5775	-2.02	<=30	PASS
11N20MIMO	Ant1	5180	5.22	<=11	PASS
	Ant2	5180	4.74	<=11	PASS
	total	5180	8.00	<=11	PASS
	Ant1	5200	5.75	<=11	PASS
	Ant2	5200	4.29	<=11	PASS
	total	5200	8.09	<=11	PASS
	Ant1	5240	5.39	<=11	PASS
	Ant2	5240	3.27	<=11	PASS
	total	5240	7.47	<=11	PASS
	Ant1	5745	-1.44	<=30	PASS
	Ant2	5745	2.77	<=30	PASS
	total	5745	4.17	<=30	PASS
	Ant1	5785	3.16	<=30	PASS
	Ant2	5785	0.79	<=30	PASS
	total	5785	5.15	<=30	PASS
	Ant1	5825	2.84	<=30	PASS
	Ant2	5825	0.68	<=30	PASS
	total	5825	4.90	<=30	PASS
11N40MIMO	Ant1	5190	0.4	<=11	PASS
	Ant2	5190	0.23	<=11	PASS
	total	5190	3.33	<=11	PASS
	Ant1	5230	0.84	<=11	PASS

	Ant2	5230	-0.39	<=11	PASS
	total	5230	3.28	<=11	PASS
	Ant1	5755	-2.23	<=30	PASS
	Ant2	5755	-0.8	<=30	PASS
	total	5755	1.55	<=30	PASS
	Ant1	5795	-2.38	<=30	PASS
	Ant2	5795	-0.59	<=30	PASS
	total	5795	1.62	<=30	PASS
11AC20MIMO	Ant1	5180	3.52	<=11	PASS
	Ant2	5180	3.02	<=11	PASS
	total	5180	6.29	<=11	PASS
	Ant1	5200	3.68	<=11	PASS
	Ant2	5200	3.71	<=11	PASS
	total	5200	6.71	<=11	PASS
	Ant1	5240	3.6	<=11	PASS
	Ant2	5240	4.4	<=11	PASS
	total	5240	7.03	<=11	PASS
	Ant1	5745	1.05	<=30	PASS
	Ant2	5745	4.63	<=30	PASS
	total	5745	6.21	<=30	PASS
	Ant1	5785	1.16	<=30	PASS
	Ant2	5785	2.57	<=30	PASS
	total	5785	4.93	<=30	PASS
	Ant1	5825	1.49	<=30	PASS
	Ant2	5825	3.21	<=30	PASS
	total	5825	5.44	<=30	PASS
11AC40MIMO	Ant1	5190	-0.11	<=11	PASS
	Ant2	5190	0.27	<=11	PASS
	total	5190	3.09	<=11	PASS
	Ant1	5230	-0.25	<=11	PASS
	Ant2	5230	0.97	<=11	PASS
	total	5230	3.41	<=11	PASS
	Ant1	5755	-2.95	<=30	PASS
	Ant2	5755	-0.37	<=30	PASS
	total	5755	1.54	<=30	PASS
	Ant1	5795	-2.01	<=30	PASS
	Ant2	5795	-0.43	<=30	PASS
	total	5795	1.86	<=30	PASS
11AC80MIMO	Ant1	5210	-5.09	<=11	PASS
	Ant2	5210	-4.06	<=11	PASS
	total	5210	-1.53	<=11	PASS

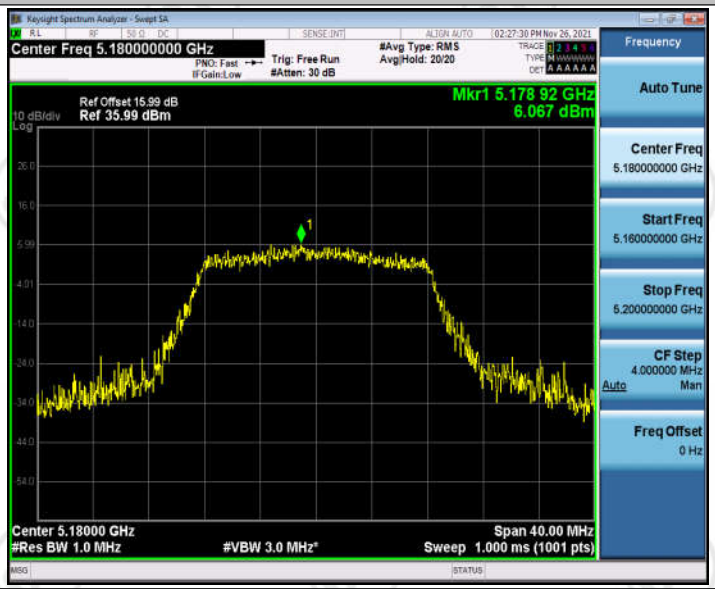
	Ant1	5775	-5.22	<=30	PASS
	Ant2	5775	-3.22	<=30	PASS
	total	5775	-1.10	<=30	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

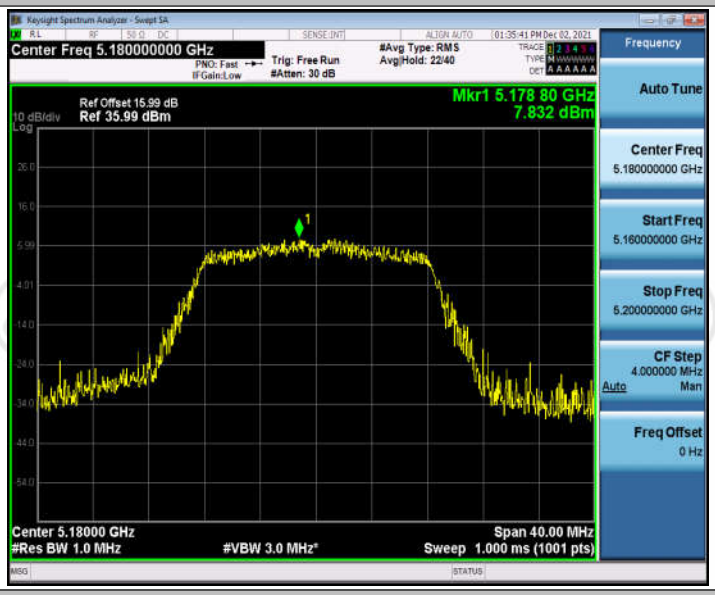
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant1_5180



11A_Ant2_5180



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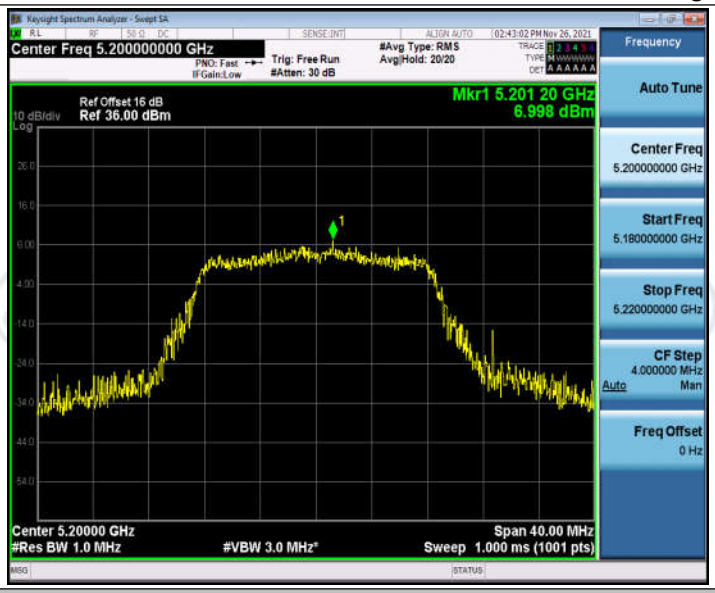

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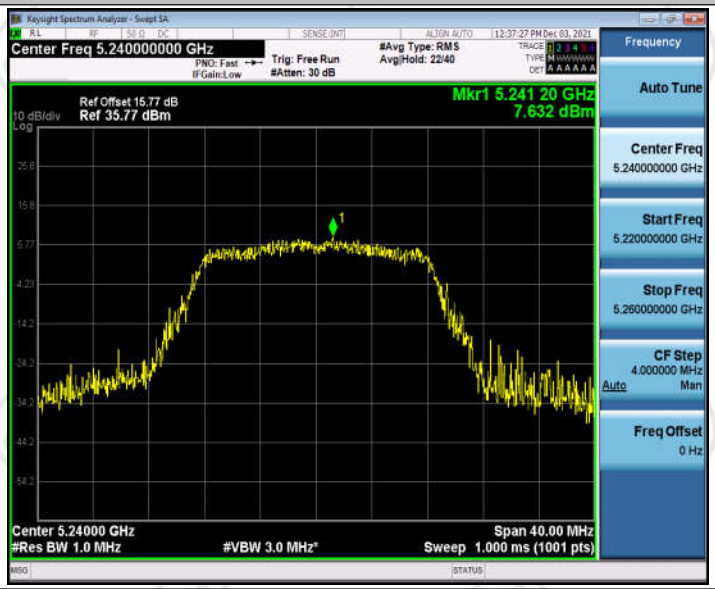
11A_Ant1_5240

11A_Ant2_5240



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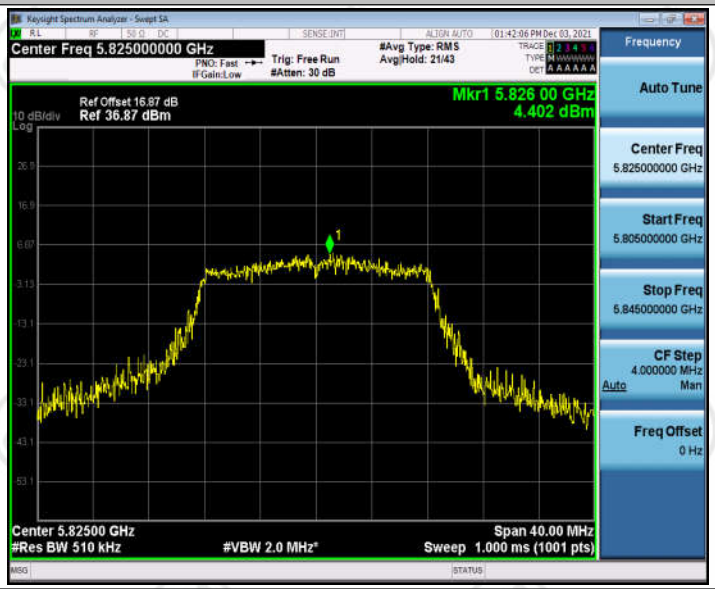
11A_Ant2_5745

11A_Ant1_5785

11A_Ant2_5785

11A_Ant1_5825

11A_Ant2_5825



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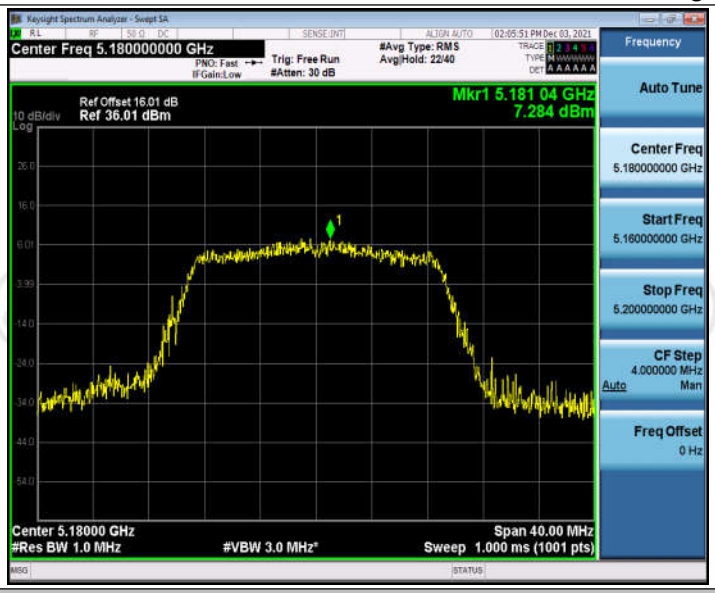

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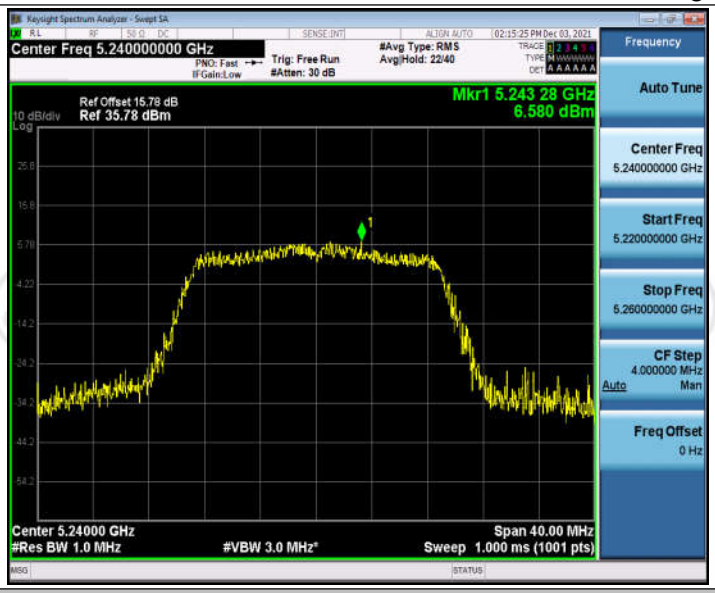
11N20SISO_Ant2_5200

11N20SISO_Ant1_5240



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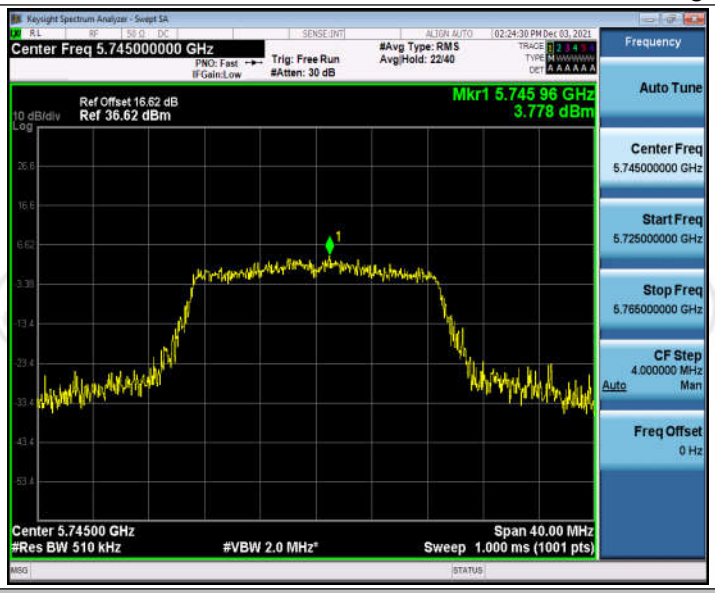

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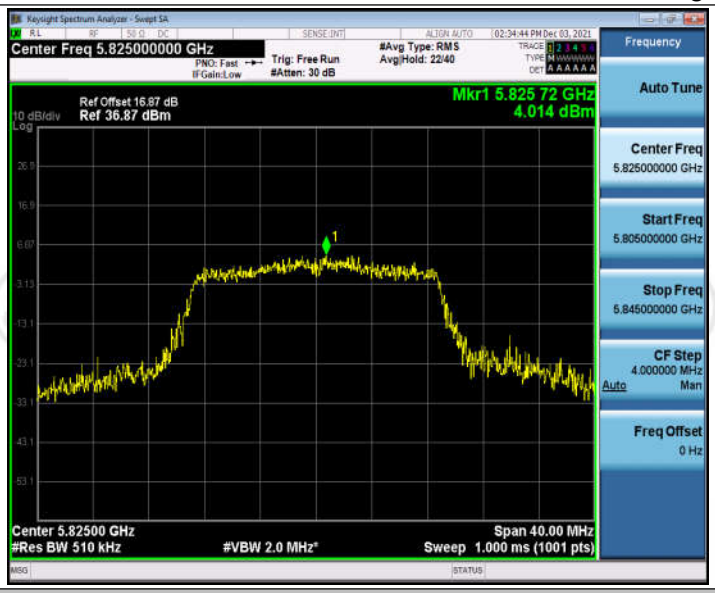
11N20SISO_Ant1_5785

11N20SISO_Ant2_5785

11N20SISO_Ant1_5825



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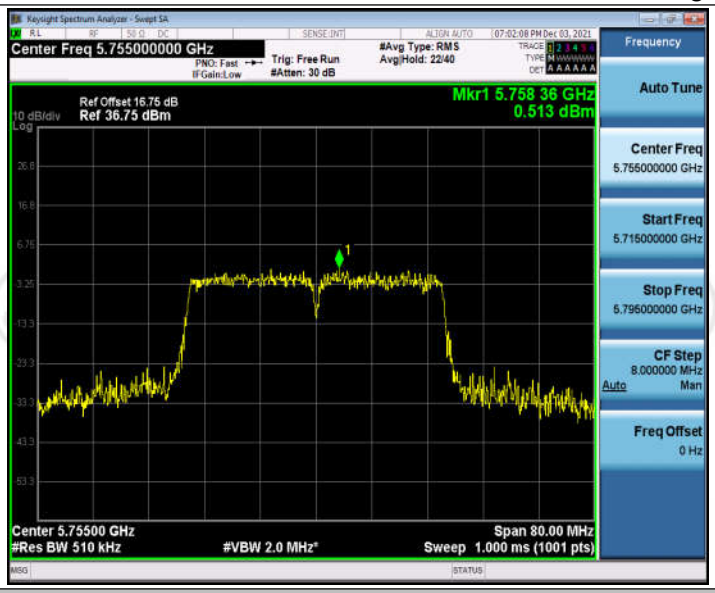
11N40SISO_Ant1_5190

11N40SISO_Ant2_5190

11N40SISO_Ant1_5230

11N40SISO_Ant2_5230

11N40SISO_Ant1_5755



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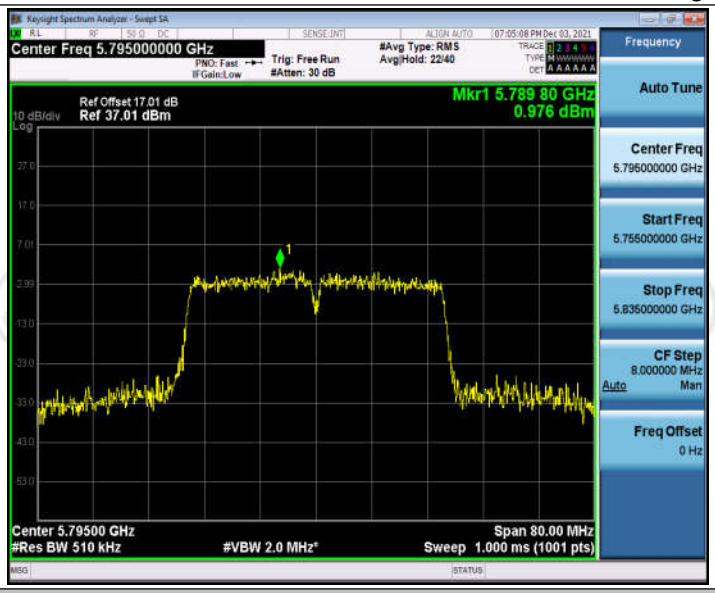
11N40SISO_Ant1_5795



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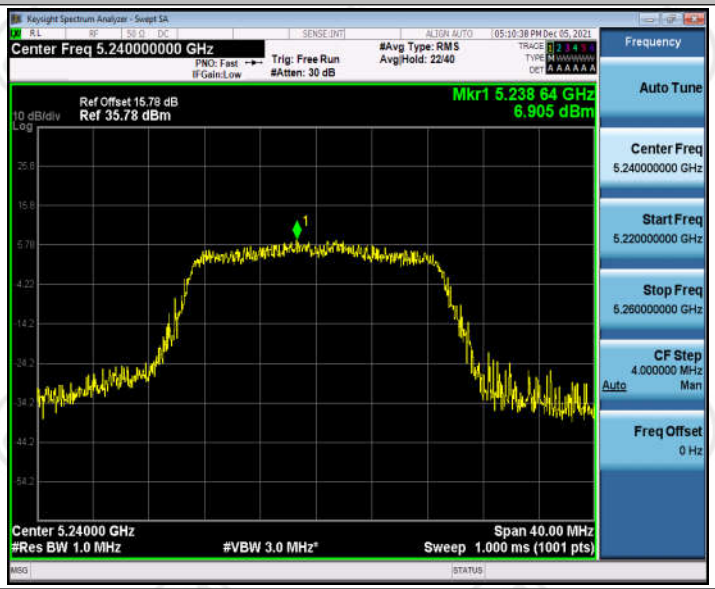
11AC20SISO_Ant2_5180

11AC20SISO_Ant1_5200

11AC20SISO_Ant2_5200

11AC20SISO_Ant1_5240

11AC20SISO_Ant2_5240



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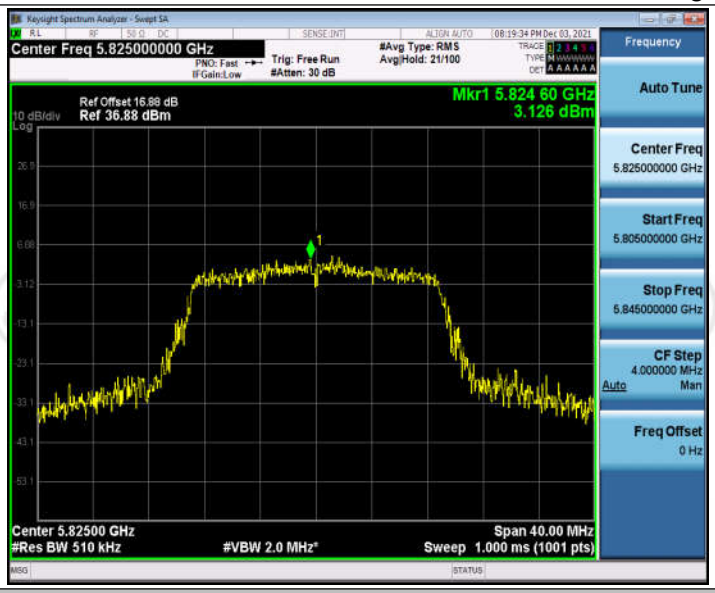
11AC20SISO_Ant2_5745

11AC20SISO_Ant1_5785

11AC20SISO_Ant2_5785

11AC20SISO_Ant1_5825



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11AC40SISO_Ant2_5190

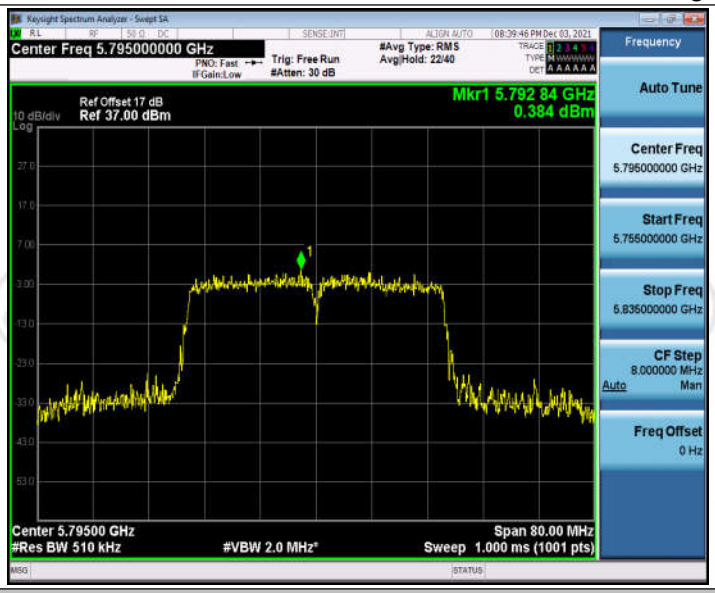
11AC40SISO_Ant1_5230

11AC40SISO_Ant2_5230

11AC40SISO_Ant1_5755

11AC40SISO_Ant2_5755

11AC40SISO_Ant1_5795



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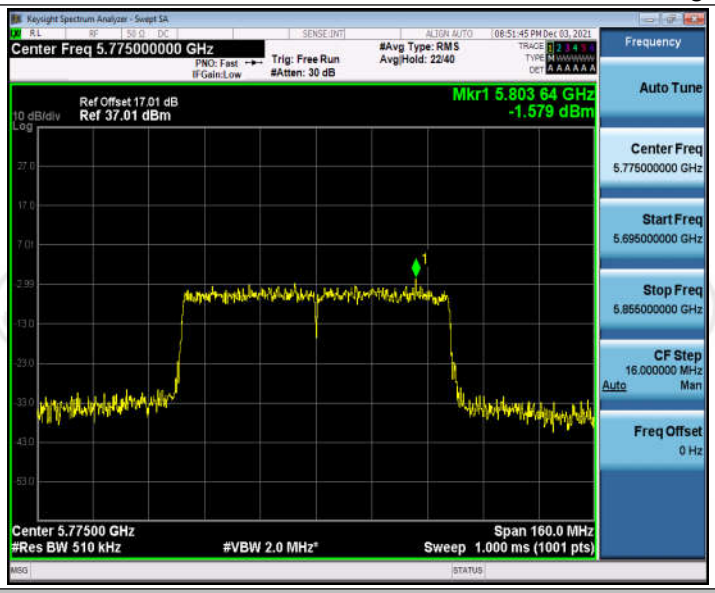
11AC80SISO_Ant1_5210

11AC80SISO_Ant2_5210

11AC80SISO_Ant1_5775



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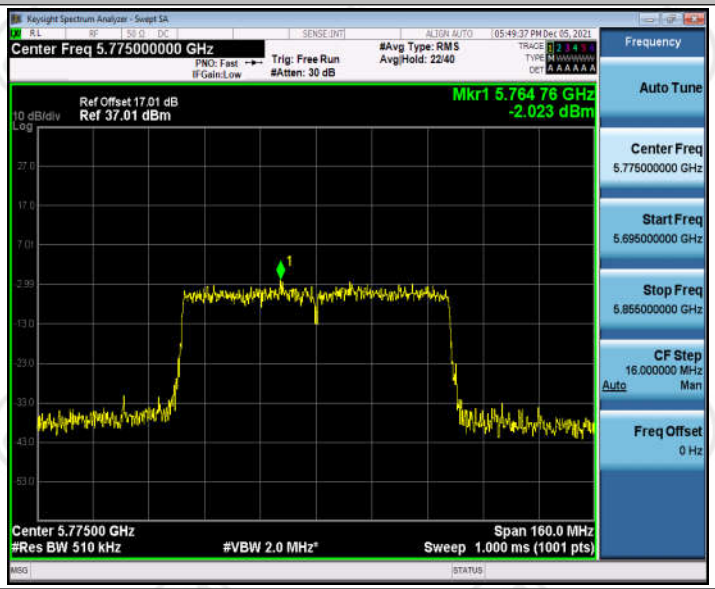

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11N20MIMO_Ant2_5180

11N20MIMO_Ant1_5200

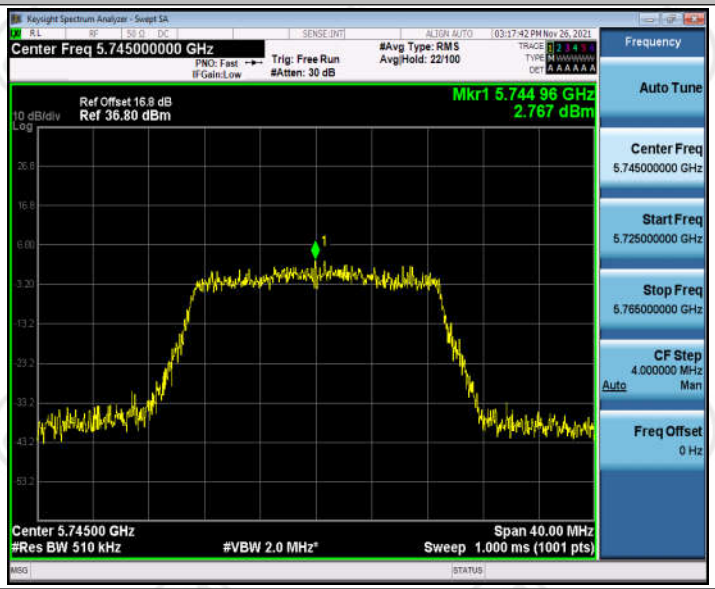
11N20MIMO_Ant2_5200

11N20MIMO_Ant1_5240

11N20MIMO_Ant2_5240

11N20MIMO_Ant1_5745

11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785

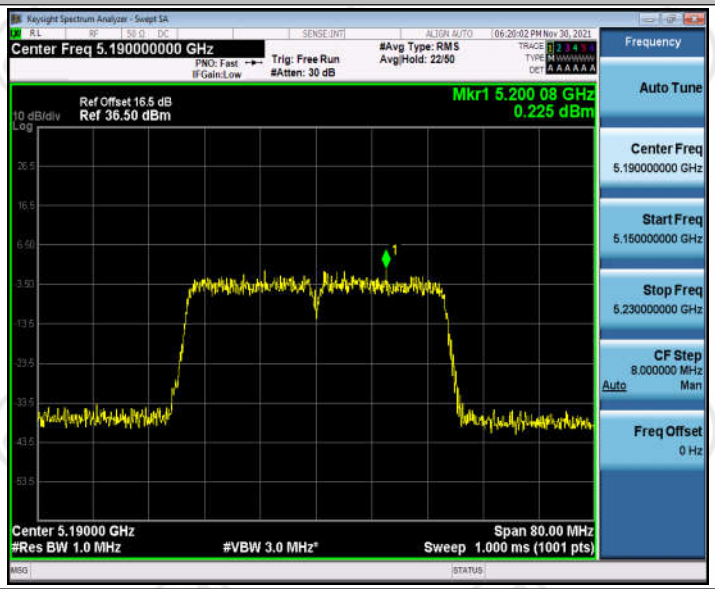
11N20MIMO_Ant2_5785

11N20MIMO_Ant1_5825

11N20MIMO_Ant2_5825

11N40MIMO_Ant1_5190

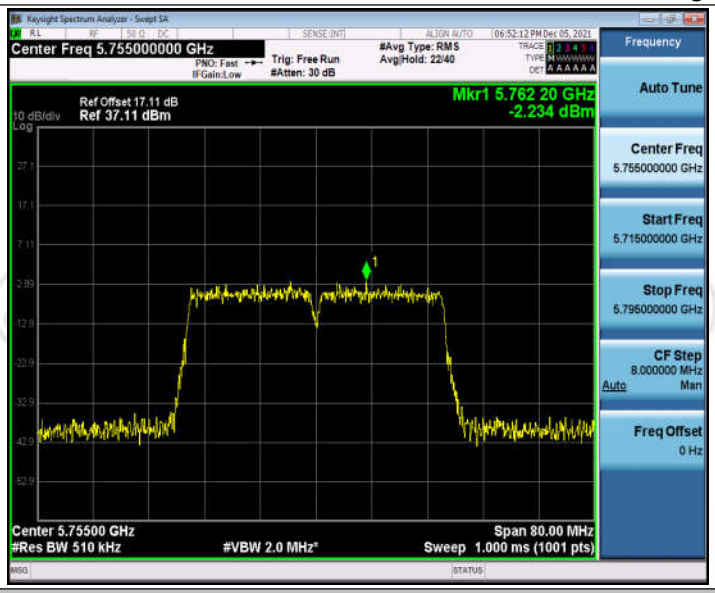
11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230

11N40MIMO_Ant2_5230

11N40MIMO_Ant1_5755



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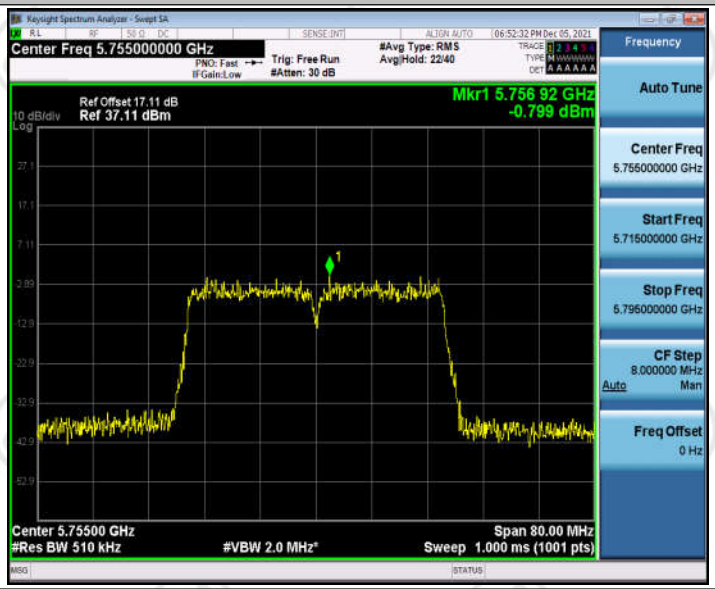

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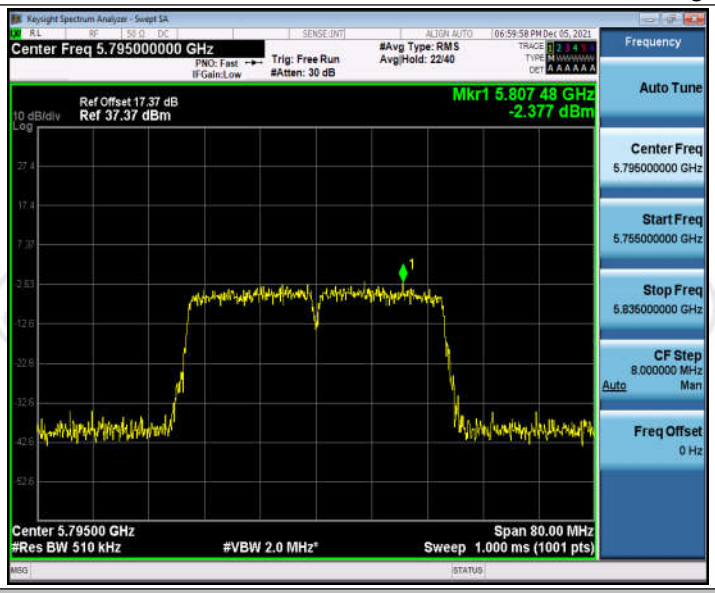

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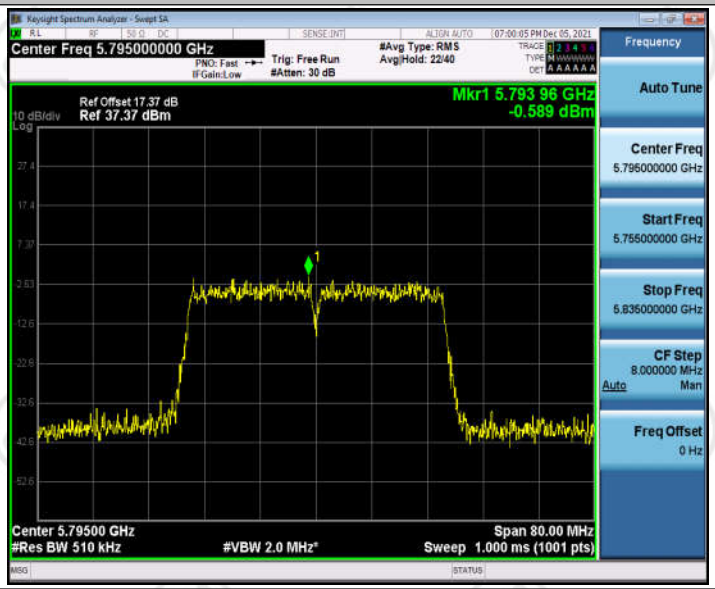

11AC20MIMO_Ant1_5180

11AC20MIMO_Ant2_5180

11AC20MIMO_Ant1_5200

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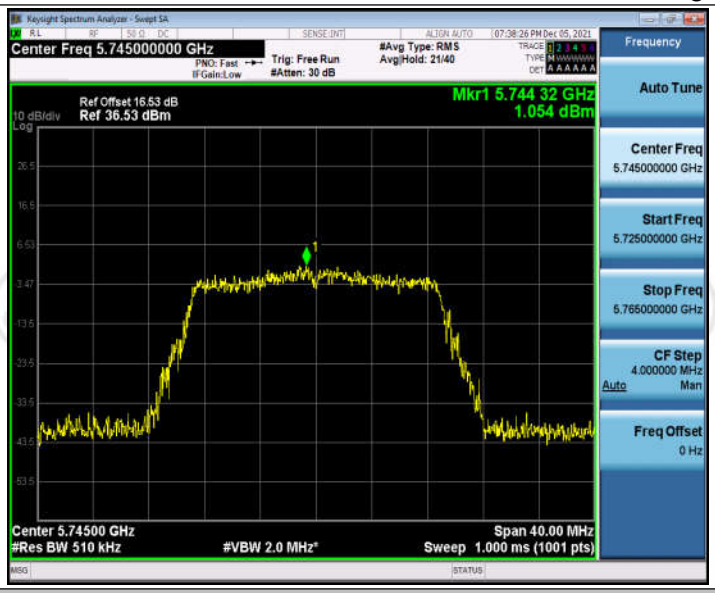
11AC20MIMO_Ant2_5240

11AC20MIMO_Ant1_5745



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11AC20MIMO_Ant1_5785

11AC20MIMO_Ant2_5785

11AC20MIMO_Ant1_5825

11AC20MIMO_Ant2_5825

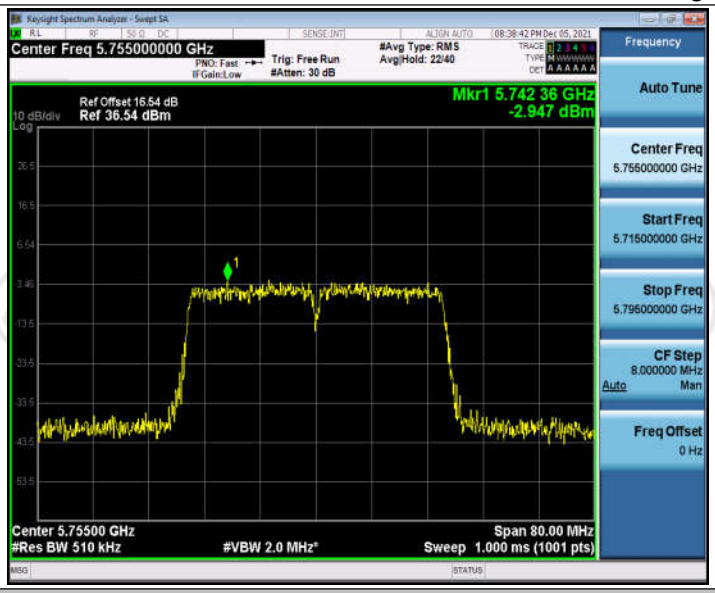
11AC40MIMO_Ant1_5190

11AC40MIMO_Ant2_5190

11AC40MIMO_Ant1_5230

11AC40MIMO_Ant2_5230

11AC40MIMO_Ant1_5755



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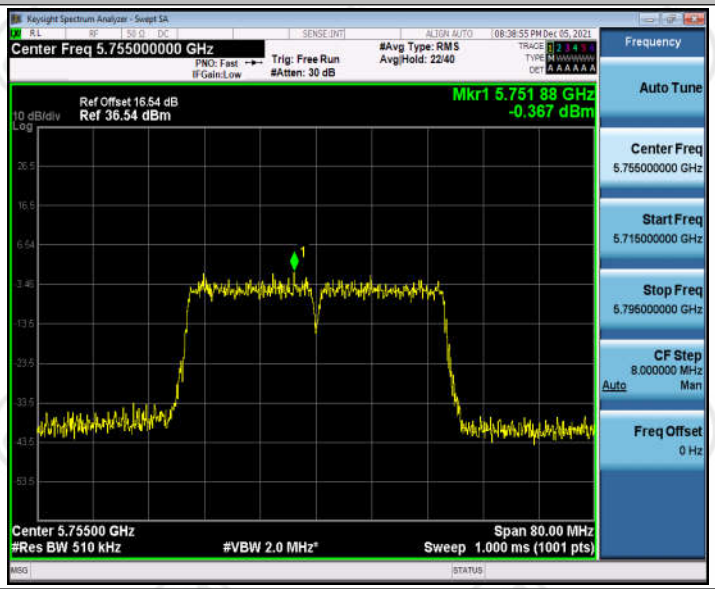

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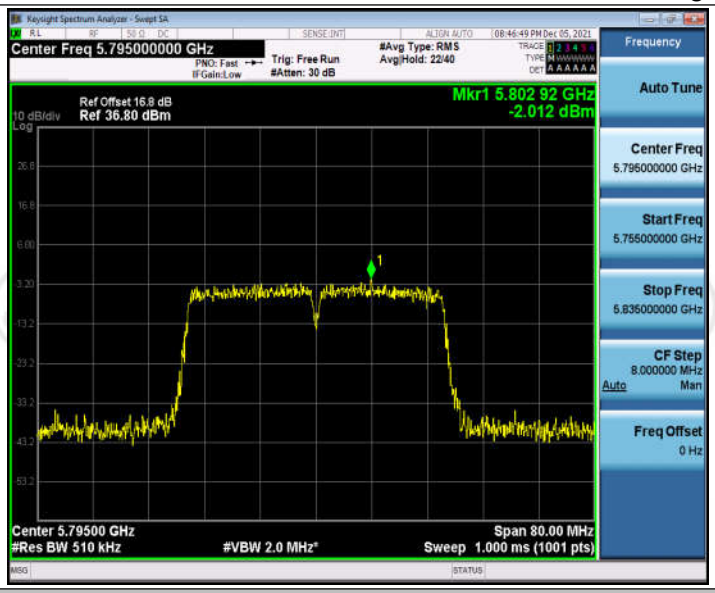

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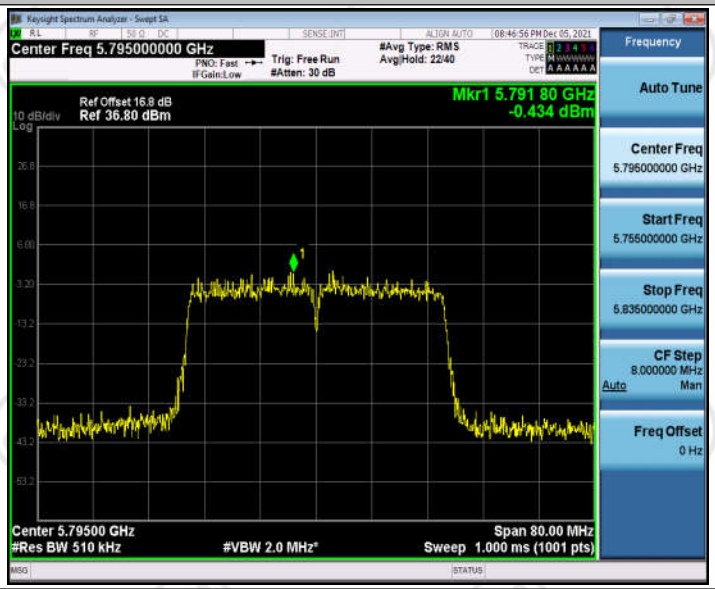

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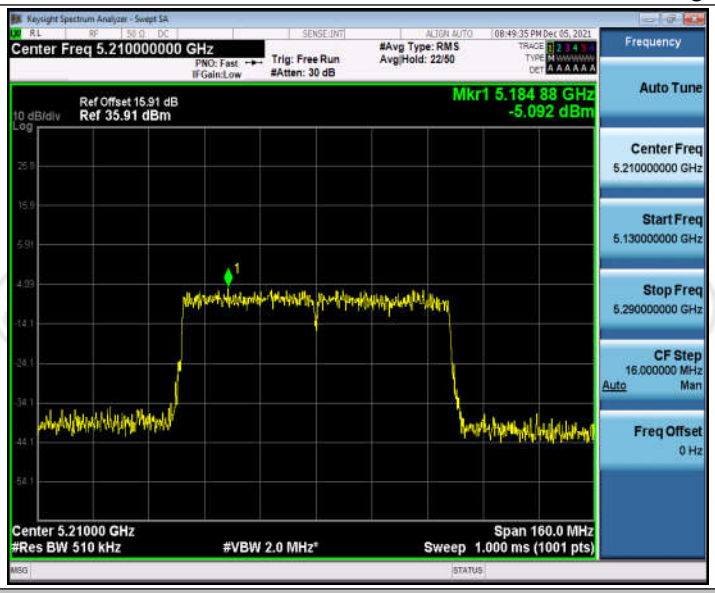

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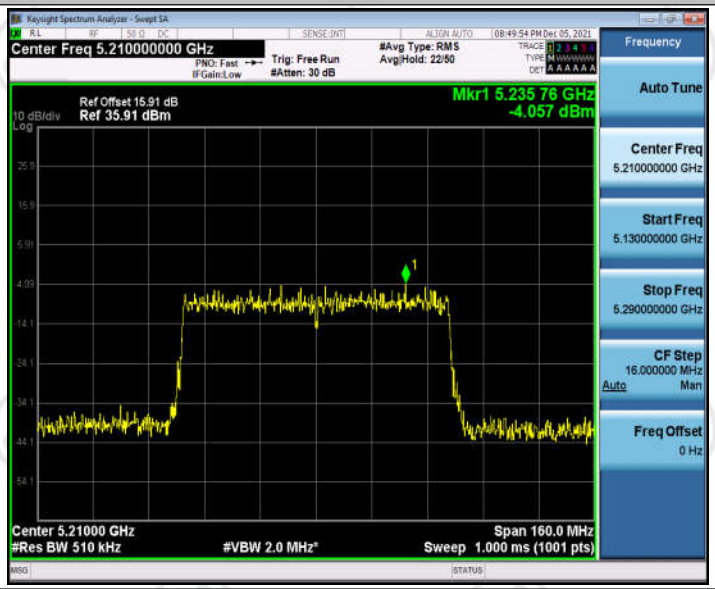

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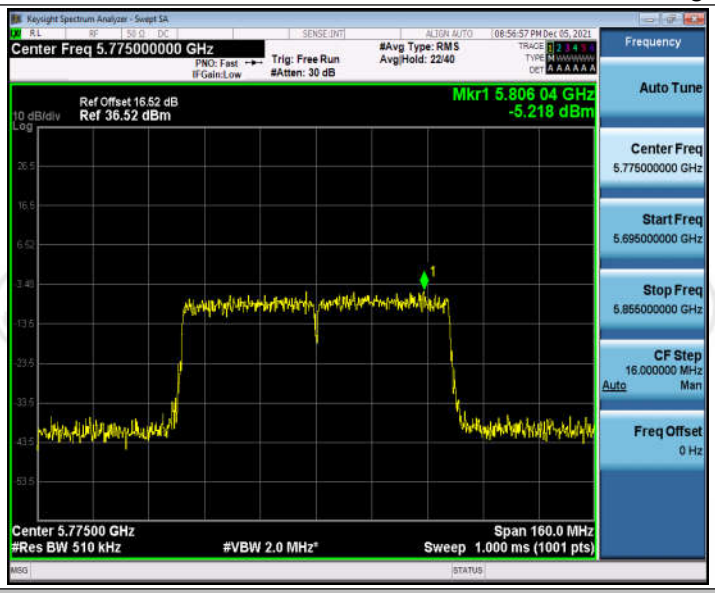
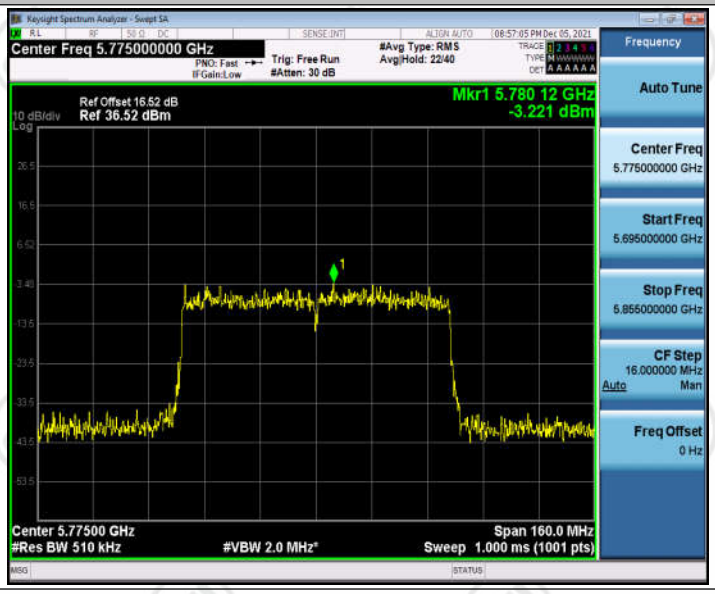


11AC80MIMO_Ant2_5775



Appendix D: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-39.8	<=-27	PASS
	Ant2	Low	5180	-39.63	<=-27	PASS
	Ant1	High	5240	-43.74	<=-27	PASS
	Ant2	High	5240	-42.12	<=-27	PASS
11N20SISO	Ant1	Low	5180	-40.67	<=-27	PASS
	Ant2	Low	5180	-39.84	<=-27	PASS
	Ant1	High	5240	-42.51	<=-27	PASS
	Ant2	High	5240	-42.48	<=-27	PASS
11N40SISO	Ant1	Low	5190	-39.36	<=-27	PASS
	Ant2	Low	5190	-38.58	<=-27	PASS
	Ant1	High	5230	-42.48	<=-27	PASS
	Ant2	High	5230	-42.34	<=-27	PASS
11AC20SISO	Ant1	Low	5180	-39.41	<=-27	PASS
	Ant2	Low	5180	-40.72	<=-27	PASS
	Ant1	High	5240	-42.43	<=-27	PASS
	Ant2	High	5240	-42.81	<=-27	PASS
11AC40SISO	Ant1	Low	5190	-39.28	<=-27	PASS
	Ant2	Low	5190	-38.71	<=-27	PASS
	Ant1	High	5230	-43.17	<=-27	PASS
	Ant2	High	5230	-43.27	<=-27	PASS
11AC80SISO	Ant1	Low	5210	-35.97	<=-27	PASS
	Ant2	Low	5210	-36.93	<=-27	PASS
	Ant1	High	5210	-42.49	<=-27	PASS
	Ant2	High	5210	-41.96	<=-27	PASS

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-41.61	<=-22.45	PASS
				5700~5720	-41.88	<=12.31	PASS
				5720~5725	-40.86	<=26.30	PASS
				5760~5650	-43.74	<=-27	PASS
	Ant2	Low	5745	5650~5700	-39.92	<=9.55	PASS
				5700~5720	-41.01	<=15.14	PASS
				5720~5725	-38.01	<=25.52	PASS
				5760~5650	-43.05	<=-27	PASS
	Ant1	High	5825	5850~5855	-41.77	<=18.87	PASS

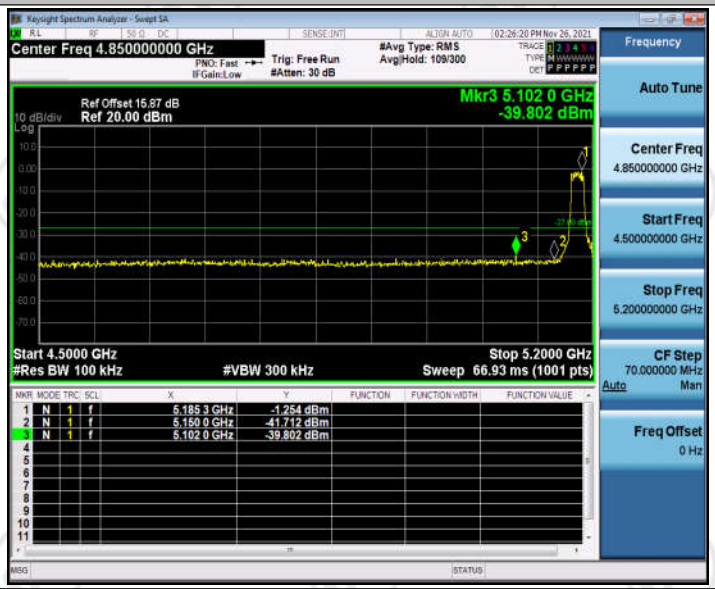
				5855~5875	-41.72	<=11.53	PASS
				5875~5925	-40.5	<=-12.47	PASS
				5925~5935	-41.6	<=-27	PASS
	Ant2	High	5825	5850~5855	-41.23	<=24.41	PASS
				5855~5875	-40.24	<=13.69	PASS
				5875~5925	-40.02	<=-26.86	PASS
				5925~5935	-40.96	<=-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-41.31	<=-3.13	PASS
				5700~5720	-40.01	<=15.34	PASS
				5720~5725	-36.81	<=26.30	PASS
				5760~5650	-42.97	<=-27	PASS
	Ant2	Low	5745	5650~5700	-41.24	<=1.30	PASS
				5700~5720	-41.12	<=14.69	PASS
				5720~5725	-37.93	<=25.52	PASS
				5760~5650	-42.6	<=-27	PASS
	Ant1	High	5825	5850~5855	-39.46	<=16.72	PASS
				5855~5875	-41.27	<=10.55	PASS
				5875~5925	-40.6	<=-24.56	PASS
				5925~5935	-41.67	<=-27	PASS
	Ant2	High	5825	5850~5855	-40.99	<=20.10	PASS
				5855~5875	-41.4	<=11.16	PASS
				5875~5925	-40.44	<=-20.56	PASS
				5925~5935	-42.13	<=-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-41.43	<=-11.72	PASS
				5700~5720	-33.97	<=15.24	PASS
				5720~5725	-31.82	<=21.28	PASS
				5780~5650	-43.45	<=-27	PASS
	Ant2	Low	5755	5650~5700	-41.44	<=-10.72	PASS
				5700~5720	-34.85	<=15.35	PASS
				5720~5725	-34.28	<=23.43	PASS
				5780~5650	-43.03	<=-27	PASS
	Ant1	High	5795	5850~5855	-42.58	<=25.06	PASS
				5855~5875	-40.65	<=15.54	PASS
				5875~5925	-41.04	<=8.49	PASS
				5925~5935	-41.23	<=-27	PASS
	Ant2	High	5795	5850~5855	-41.64	<=22.80	PASS
				5855~5875	-40.63	<=10.27	PASS
				5875~5925	-40.42	<=-0.92	PASS
				5925~5935	-42.38	<=-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-41.03	<=-25.76	PASS
				5700~5720	-41.36	<=10.86	PASS

				5720~5725	-38.6	<=24.73	PASS
				5760~5650	-42.66	<=-27	PASS
	Ant2	Low	5745	5650~5700	-42.27	<=8.11	PASS
				5700~5720	-40.79	<=15.47	PASS
				5720~5725	-36.91	<=24.73	PASS
				5760~5650	-42.46	<=-27	PASS
	Ant1	High	5825	5850~5855	-42.15	<=21.64	PASS
				5855~5875	-41.36	<=12.40	PASS
				5875~5925	-40.88	<=6.71	PASS
				5925~5935	-40.92	<=-27	PASS
	Ant2	High	5825	5850~5855	-41.87	<=25.64	PASS
				5855~5875	-41.75	<=11.16	PASS
				5875~5925	-40.71	<=-13.27	PASS
				5925~5935	-41.97	<=-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-41.44	<=4.96	PASS
				5700~5720	-36.25	<=15.31	PASS
				5720~5725	-35.32	<=21.58	PASS
				5780~5650	-43.6	<=-27	PASS
	Ant2	Low	5755	5650~5700	-42.21	<=9.46	PASS
				5700~5720	-33.91	<=14.90	PASS
				5720~5725	-32.78	<=26.51	PASS
				5780~5650	-42.94	<=-27	PASS
	Ant1	High	5795	5850~5855	-41.92	<=26.57	PASS
				5855~5875	-40.79	<=15.58	PASS
				5875~5925	-40.98	<=-23.50	PASS
				5925~5935	-41.6	<=-27	PASS
	Ant2	High	5795	5850~5855	-42.02	<=26.94	PASS
				5855~5875	-41.76	<=12.12	PASS
				5875~5925	-41.41	<=-25.46	PASS
				5925~5935	-41.9	<=-27	PASS
11AC80SISO	Ant1	Low	5775	5650~5700	-37.61	<=8.99	PASS
				5700~5720	-36.45	<=14.95	PASS
				5720~5725	-34.8	<=15.65	PASS
				5800~5650	-41.99	<=-27	PASS
		High	5775	5850~5855	-39.25	<=24.23	PASS
				5855~5875	-39.64	<=10.59	PASS
				5875~5925	-40.88	<=-22.16	PASS
				5925~5935	-41.29	<=-27	PASS
	Ant2	Low	5775	5650~5700	-40.04	<=4.28	PASS
				5700~5720	-38.6	<=13.39	PASS
				5720~5725	-39.06	<=26.95	PASS

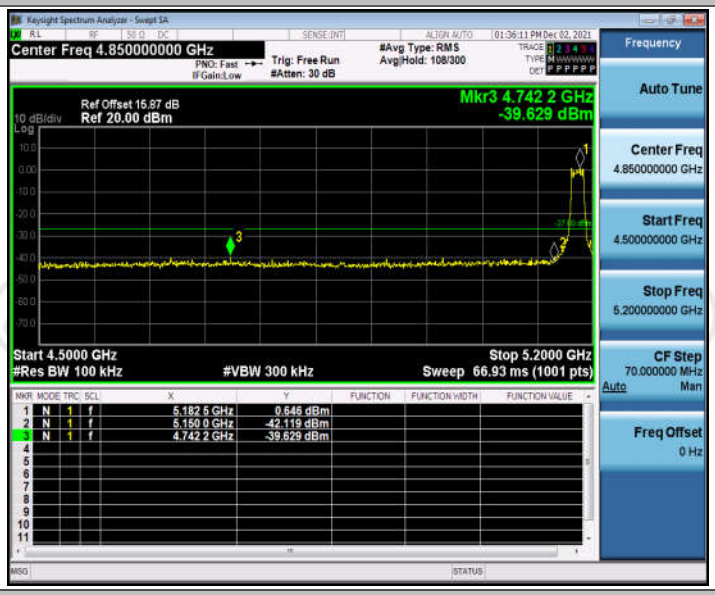
				5800~5650	-42.57	<=-27	PASS
		High	5775	5850~5855	-41.95	<=26.76	PASS
				5855~5875	-42.16	<=15.25	PASS
				5875~5925	-40.83	<=-14.36	PASS
				5925~5935	-41.94	<=-27	PASS

Test Graphs

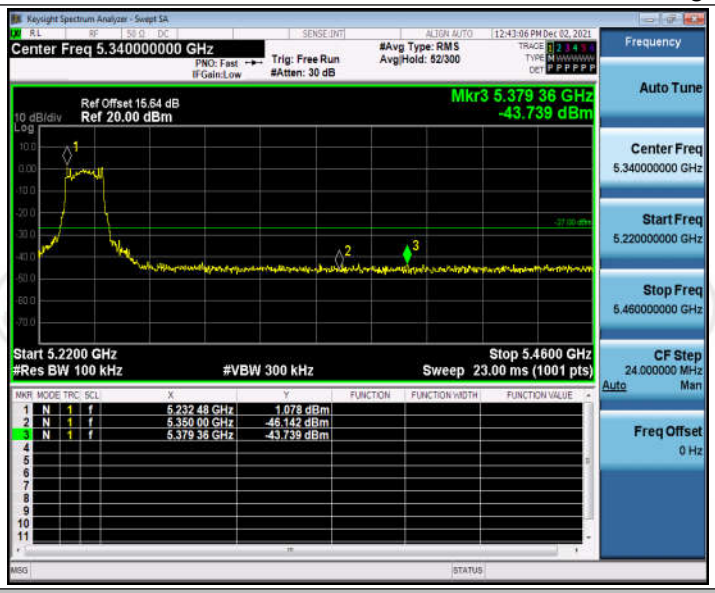
11A_Ant1_Low_5180



11A_Ant2_Low_5180



11A_Ant1_High_5240



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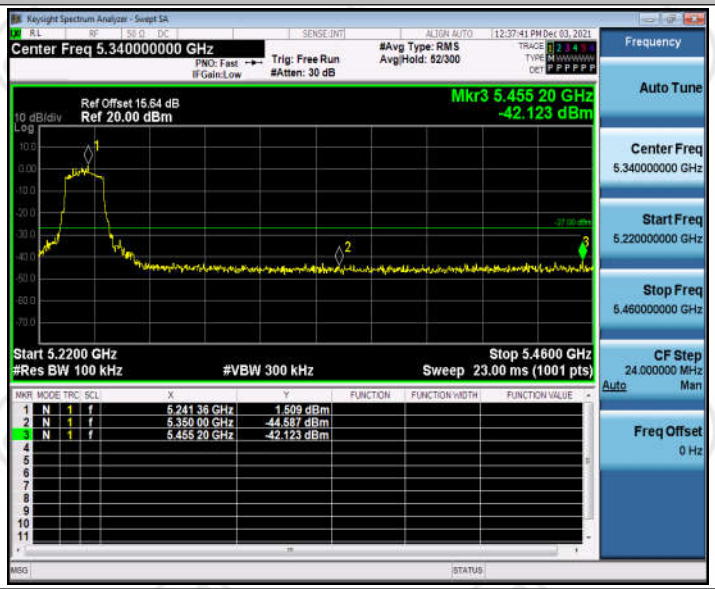
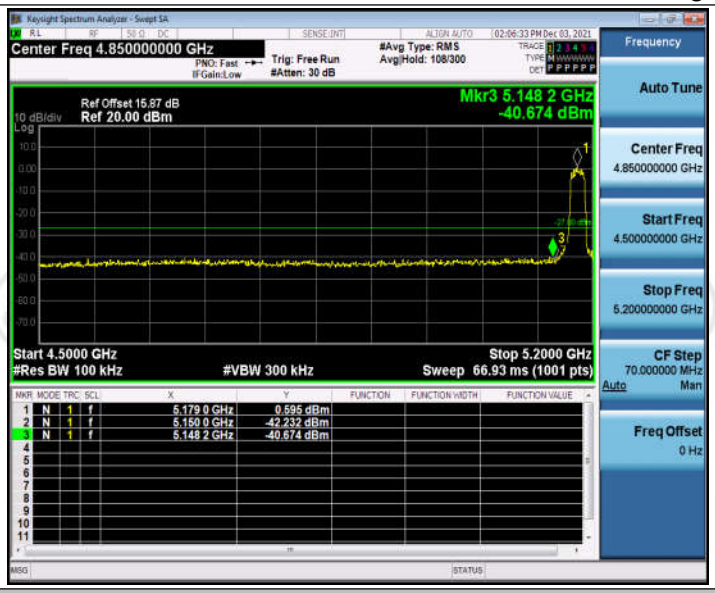


11N20SISO_Ant1_Low_5180



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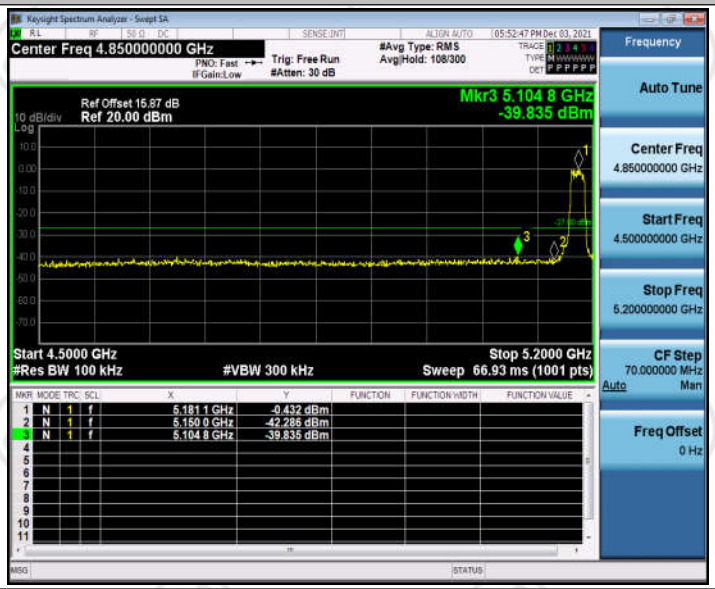

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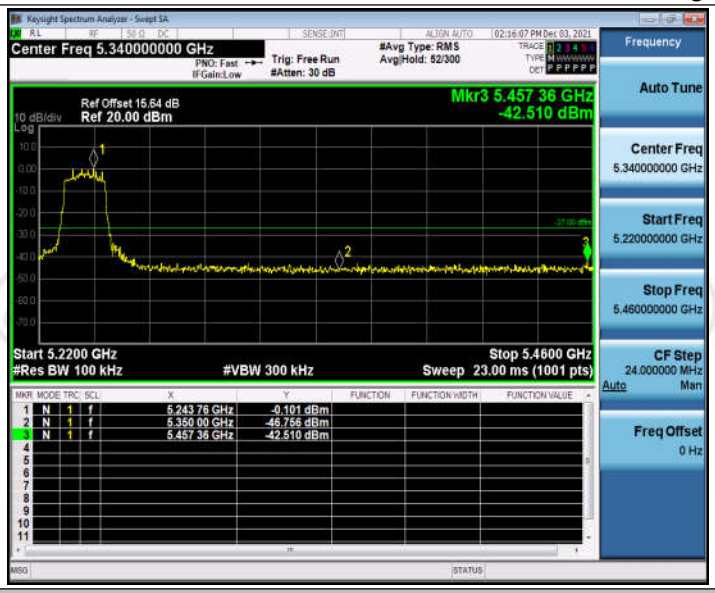

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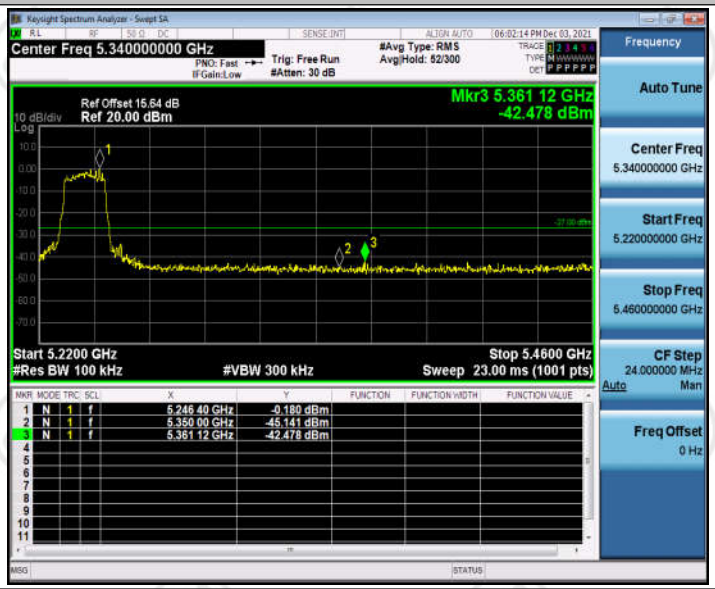

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