

6 Appendix D: Band edge measurements

6.1 Test Result

The antenna port 1 and antenna port 2 support 2x2 MIMO with identical RF transmission, therefor only antenna port 1 tested and record the data.

For Band 1, Band II-A, Band II-C:

Test Mode	Antenna	Ch Name	Channel	Result[dBm]	Limit[dBm]	Verdict
11A20SISO	Ant1	Low	5180	-43.1	<=-27	PASS
		High	5240	-56.38	<=-27	PASS
		Low	5260	-54.41	<=-27	PASS
		High	5320	-42.96	<=-27	PASS
		Low	5500	-42.66	<=-27	PASS
		High	5700	-41.0	<=-27	PASS
11N20SISO	Ant1	Low	5180	-41.96	<=-27	PASS
		High	5240	-56.6	<=-27	PASS
		Low	5260	-46.99	<=-27	PASS
		High	5320	-42.95	<=-27	PASS
		Low	5500	-42.14	<=-27	PASS
		High	5700	-38.99	<=-27	PASS
11N40SISO	Ant1	Low	5190	-43.53	<=-27	PASS
		High	5230	-54.3	<=-27	PASS
		Low	5270	-47.5	<=-27	PASS
		High	5310	-42.59	<=-27	PASS
		Low	5510	-43.43	<=-27	PASS
		High	5670	-57.55	<=-27	PASS
11AC20SISO	Ant1	Low	5180	-42.83	<=-27	PASS
		High	5240	-56.53	<=-27	PASS
		Low	5260	-54.57	<=-27	PASS
		High	5320	-43.93	<=-27	PASS
		Low	5500	-42.87	<=-27	PASS
		High	5700	-39.66	<=-27	PASS
11AC40SISO	Ant1	Low	5190	-41.29	<=-27	PASS
		High	5230	-50.3	<=-27	PASS
		Low	5270	-54.37	<=-27	PASS
		High	5310	-41.74	<=-27	PASS
		Low	5510	-44.3	<=-27	PASS
		High	5670	-43.43	<=-27	PASS
11AC80SISO	Ant1	Low	5210	-44.64	<=-27	PASS
		High	5210	-50.17	<=-27	PASS
		Low	5290	-54.03	<=-27	PASS
		High	5290	-41.95	<=-27	PASS
		Low	5530	-45.73	<=-27	PASS
		High	5610	-48.23	<=-27	PASS



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For Band U-NII-3 :

Test Mode	Antenna	Ch Name	Channel	Freq Range [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A20S ISO	Ant1	Low	5745 CH	5650~5700	-41.9	<=9.81	PASS
				5700~5720	-39.49	<=13.53	PASS
				5720~5725	-38.41	<=24.47	PASS
				5760~5650	-54.89	<=-27	PASS
		High	5825	5850~5855	-39.58	<=24.41	PASS
				5855~5875	-41.67	<=12.29	PASS
				5875~5925	-45.1	<=-25.66	PASS
				5925~5935	-56.55	<=-27	PASS
11N20 SISO	Ant1	Low	5745	5650~5700	-41.36	<=7.68	PASS
				5700~5720	-38.69	<=14.05	PASS
				5720~5725	-37.54	<=24.73	PASS
				5760~5650	-53.66	<=-27	PASS
		High	5825	5850~5855	-39.4	<=17.64	PASS
				5855~5875	-41	<=11.38	PASS
				5875~5925	-44.79	<=-24.06	PASS
				5925~5935	-56.59	<=-27	PASS
11N40 SISO	Ant1	Low	5755	5650~5700	-41.07	<=6.96	PASS
				5700~5720	-40.3	<=15.01	PASS
				5720~5725	-38.67	<=24.36	PASS
				5780~5650	-49.15	<=-27	PASS
		High	5795	5850~5855	-44.93	<=26.94	PASS
				5855~5875	-44.73	<=10.13	PASS
				5875~5925	-47.96	<=-26.56	PASS
				5925~5935	-57.08	<=-27	PASS
11AC2 0SISO	Ant1	Low	5745	5650~5700	-41.73	<=5.89	PASS
				5700~5720	-38.43	<=14.34	PASS
				5720~5725	-38.42	<=23.68	PASS
				5760~5650	-56.77	<=-27	PASS
		High	5825	5850~5855	-40.55	<=16.41	PASS
				5855~5875	-42.23	<=10.55	PASS
				5875~5925	-46.17	<=-23.26	PASS
				5925~5935	-56.43	<=-27	PASS
11AC4 0SISO	Ant1	Low	5755	5650~5700	-41.76	<=4.07	PASS
				5700~5720	-39.77	<=15.35	PASS
				5720~5725	-40.49	<=19.12	PASS
				5780~5650	-49.69	<=-27	PASS
		High	5795	5850~5855	-45.17	<=26.57	PASS
				5855~5875	-45.51	<=11.29	PASS
				5875~5925	-47.92	<=-26.68	PASS
				5925~5935	-57.28	<=-27	PASS



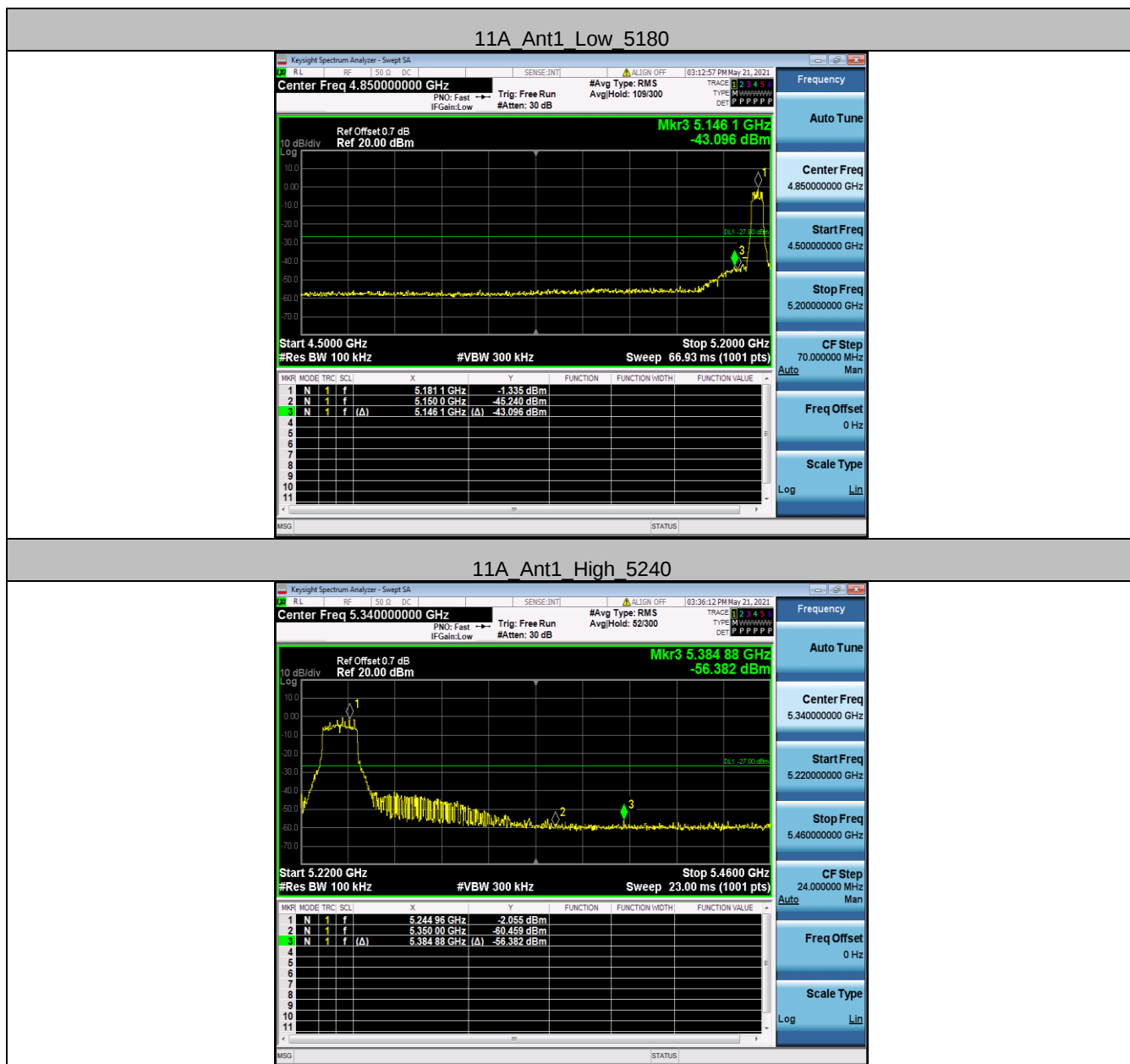
11AC80SIS O	Ant1	Low	5775	5650~5700	-43.48	<=8.41	PASS
				5700~5720	-42.42	<=13.61	PASS
				5720~5725	-41.82	<=21.30	PASS
				5800~5650	-52.57	<=-27	PASS
		High	5775	5850~5855	-44.44	<=16.64	PASS
				5855~5875	-44.7	<=13.65	PASS
				5875~5925	-46.69	<=-26.96	PASS
				5925~5935	-56.72	<=-27	PASS



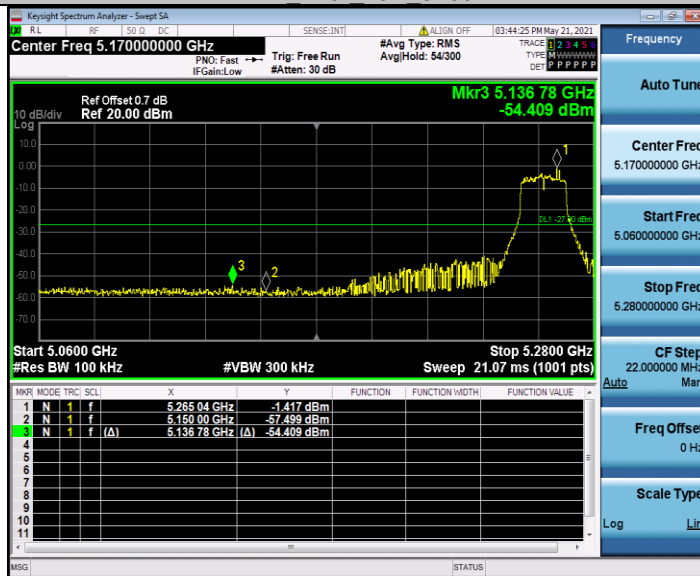
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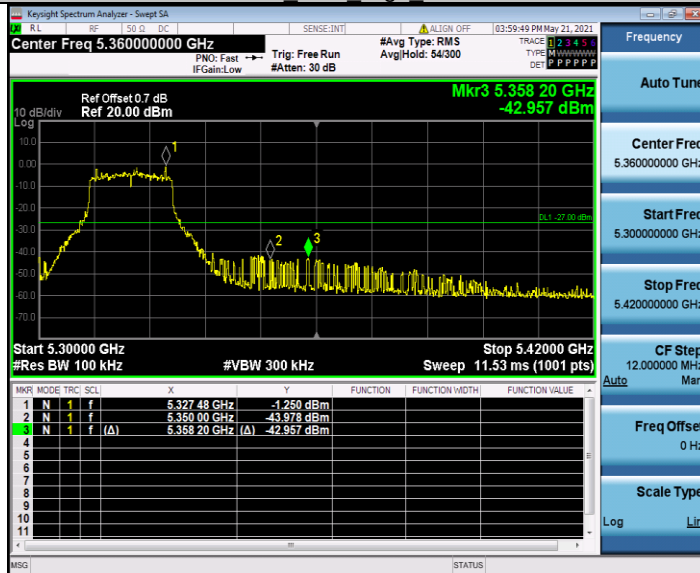
6.2 Test Graphs



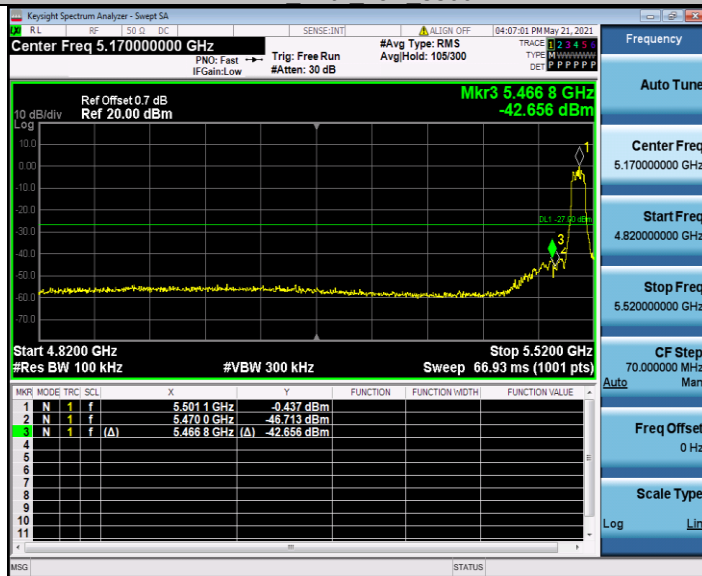
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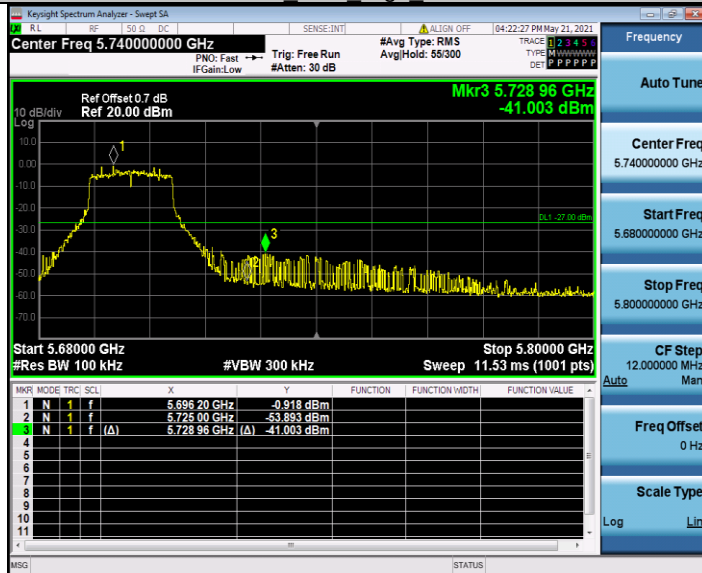
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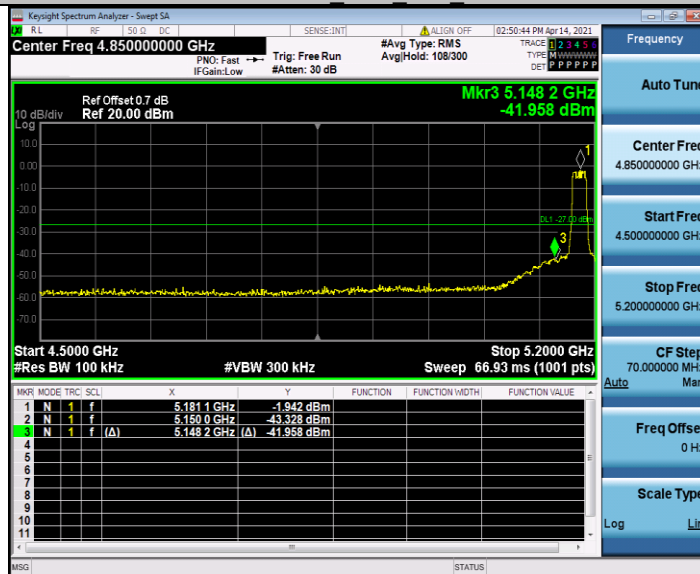
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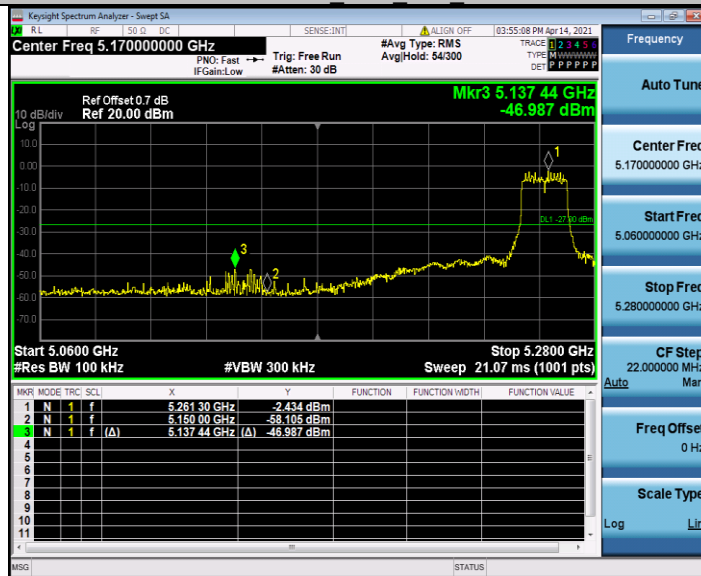
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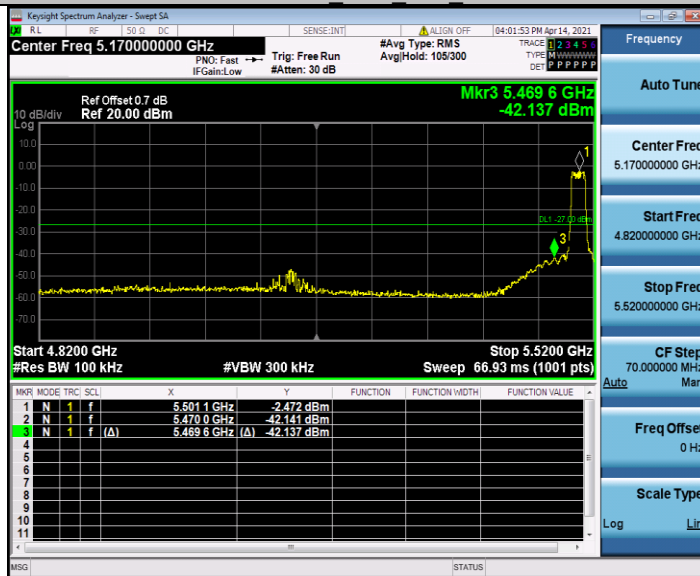
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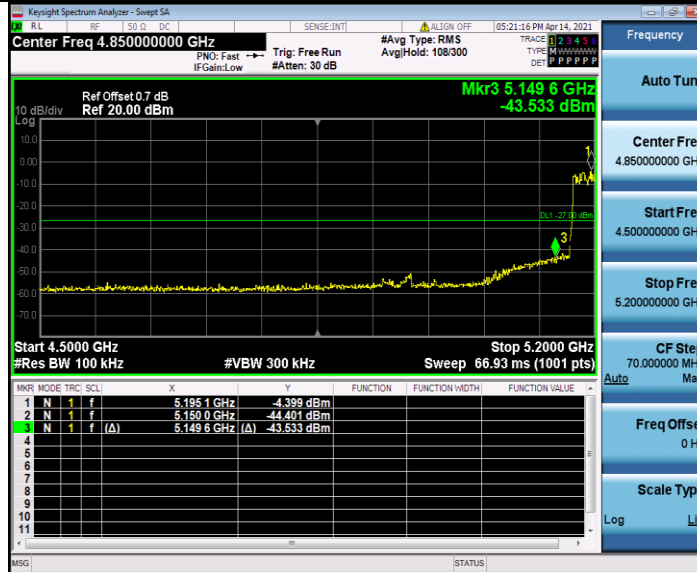
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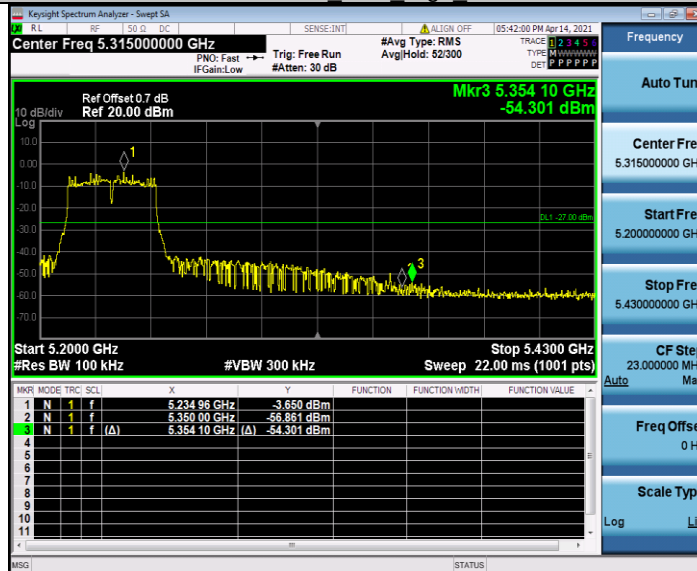
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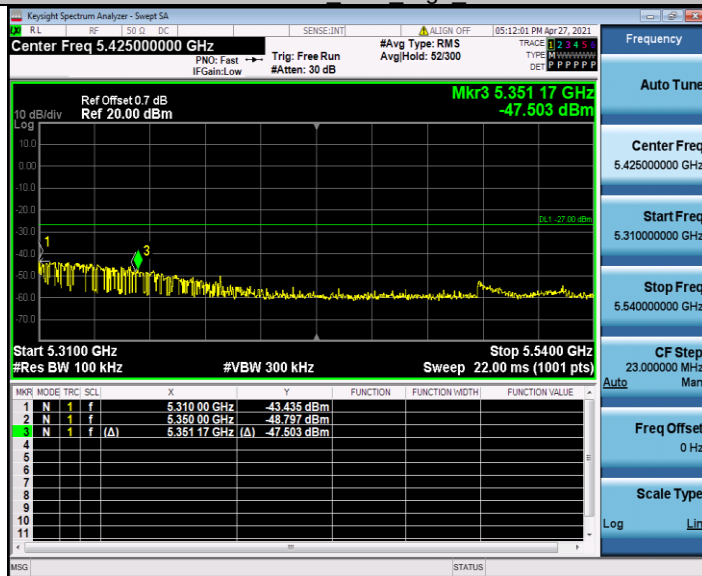
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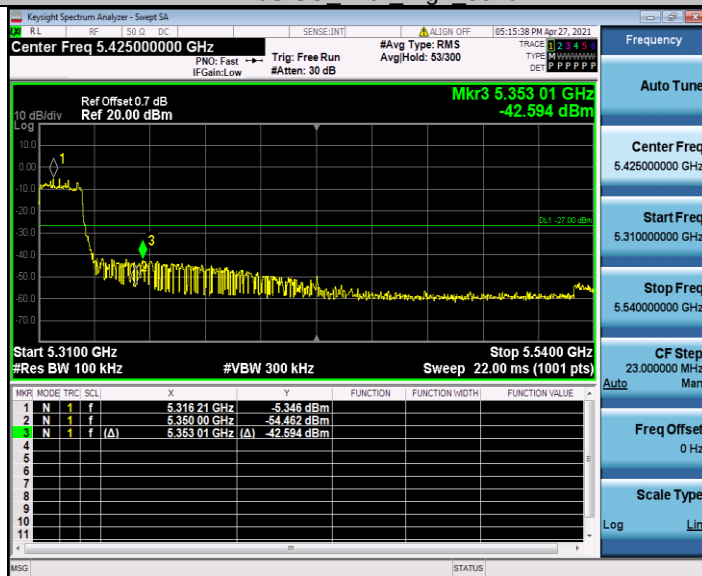
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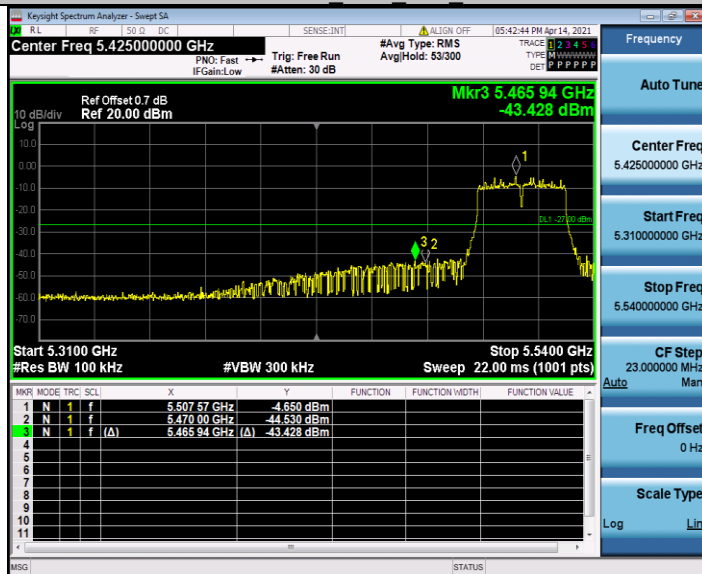
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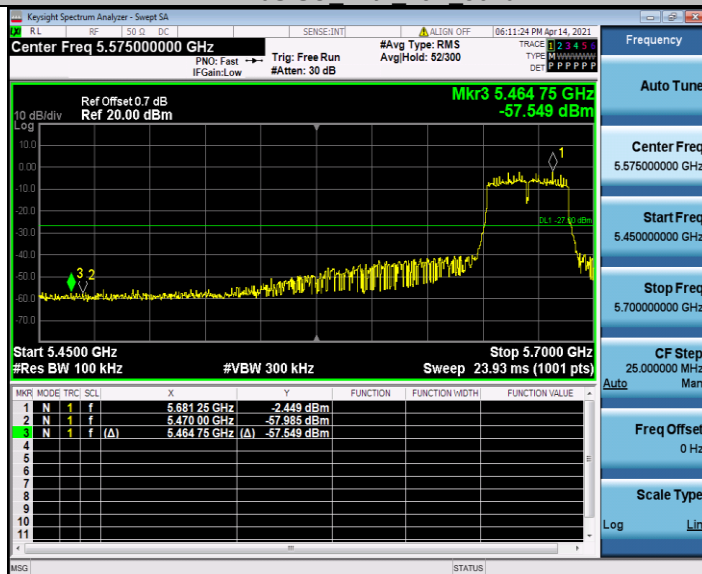
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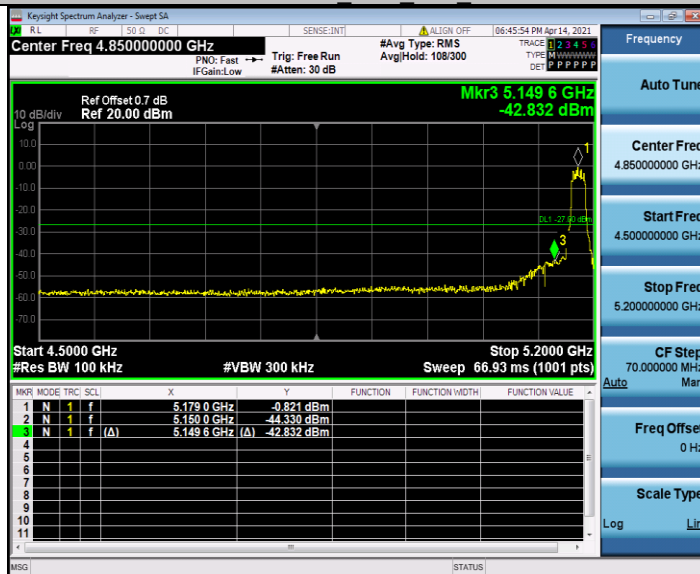
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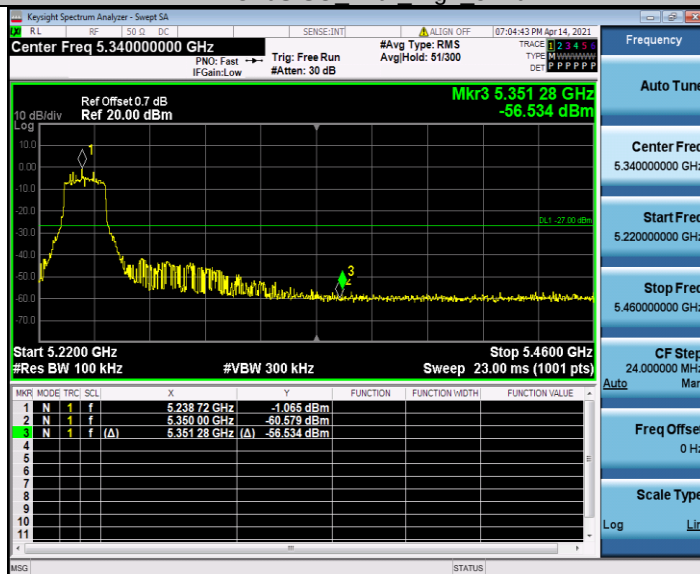
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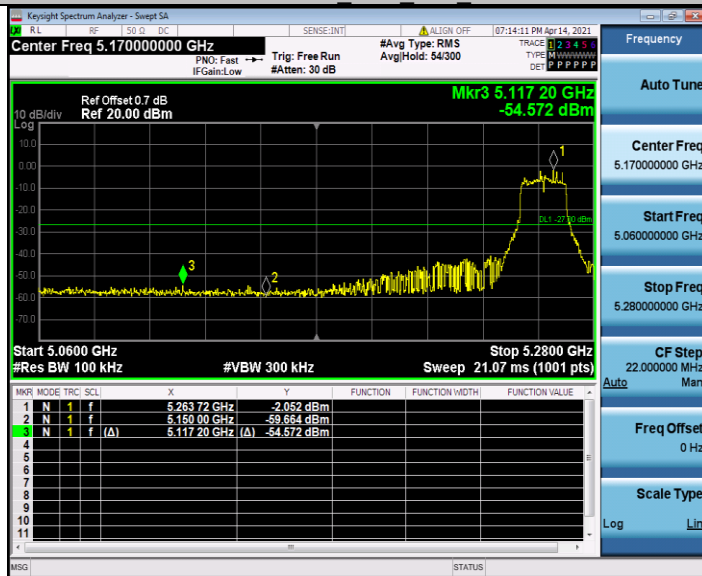
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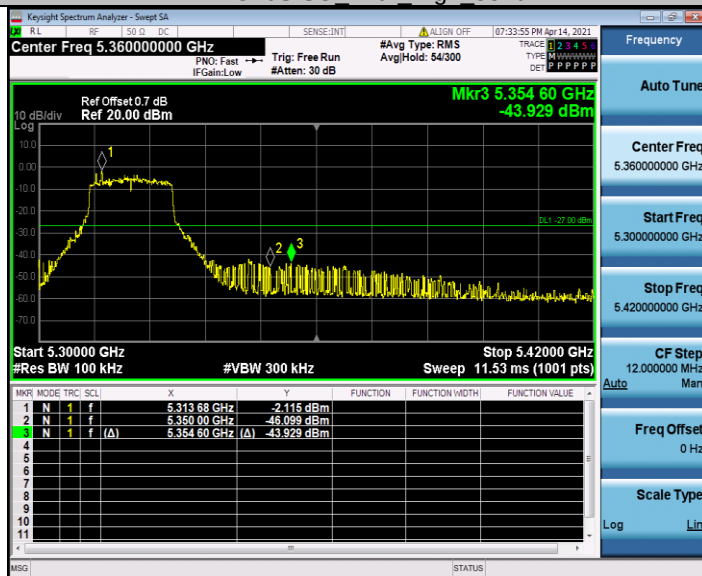
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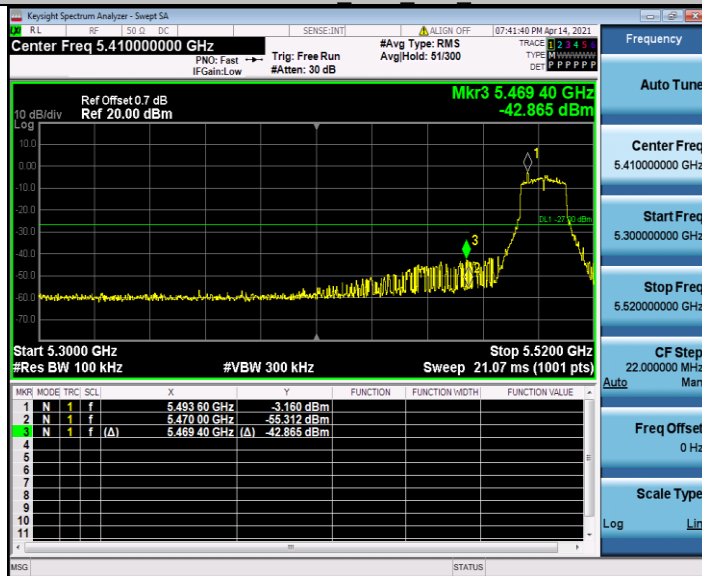
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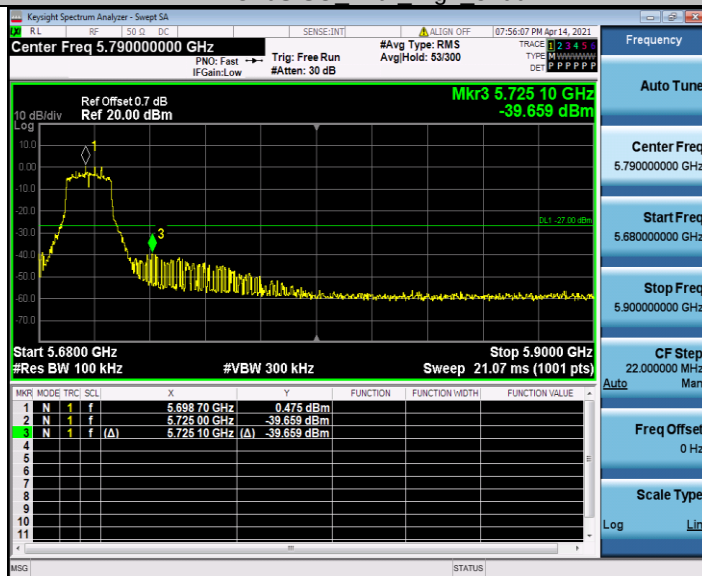
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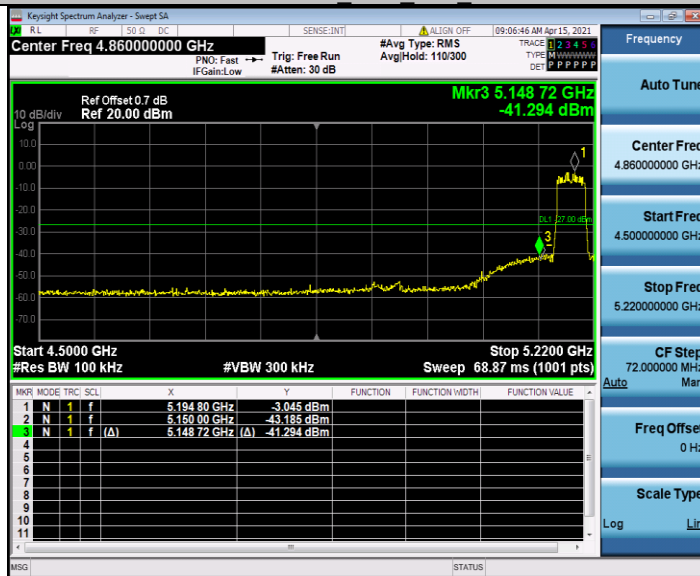
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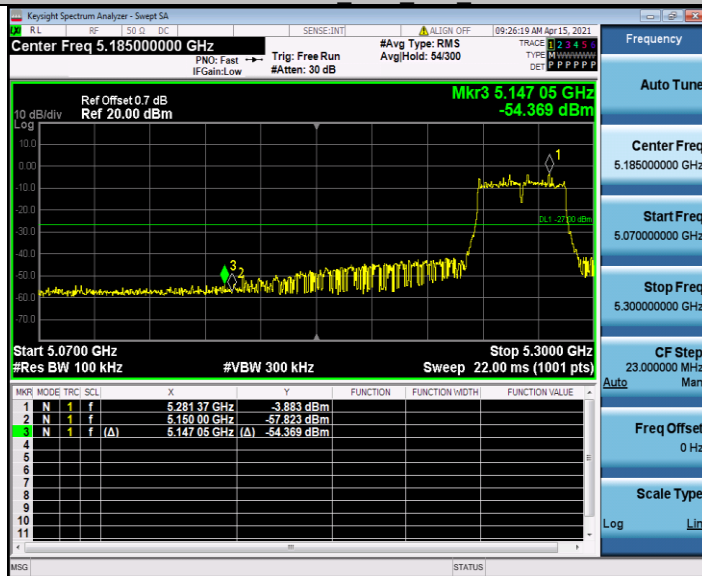
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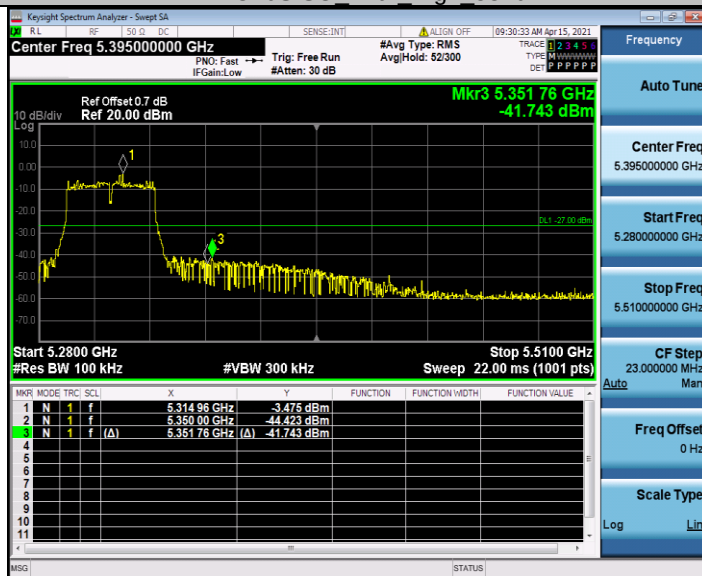
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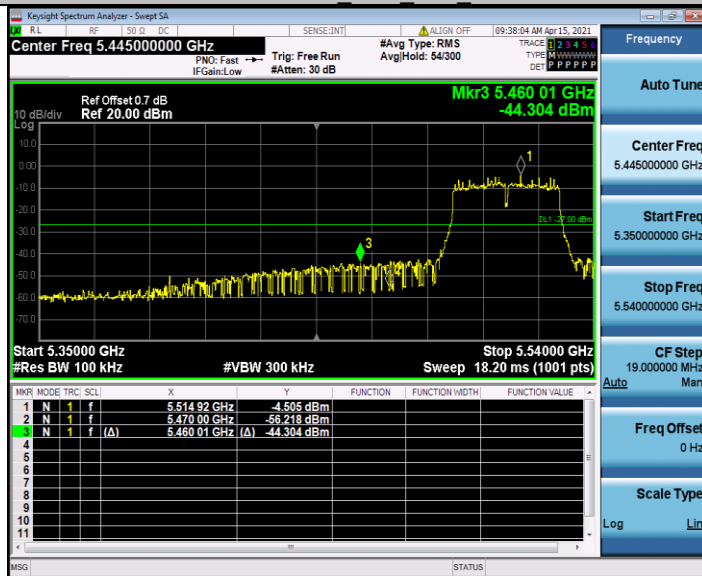
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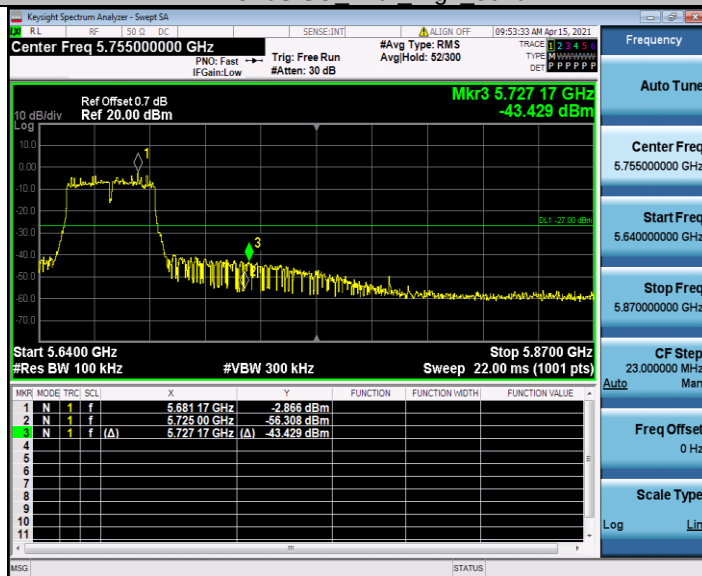
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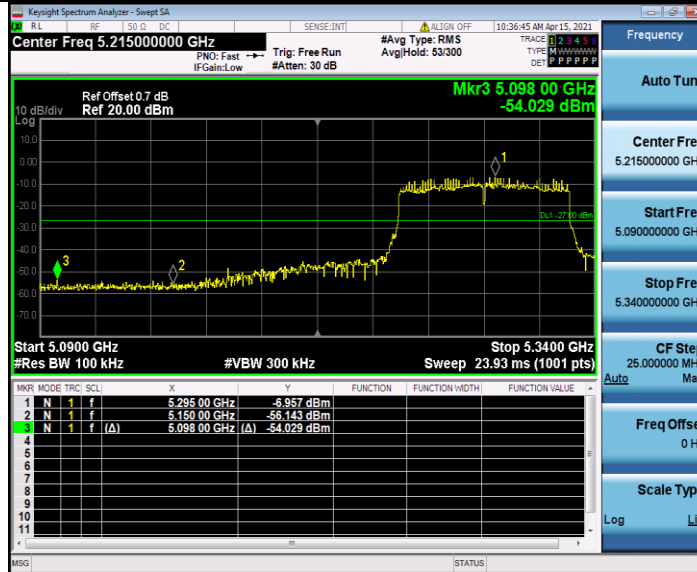
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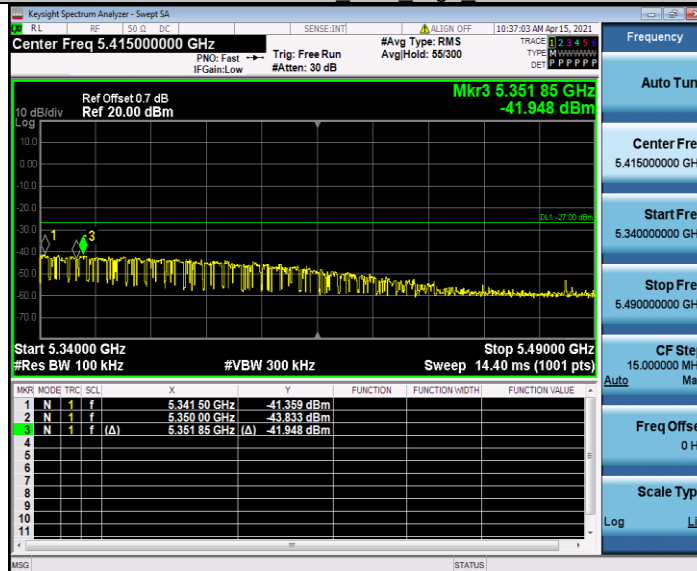
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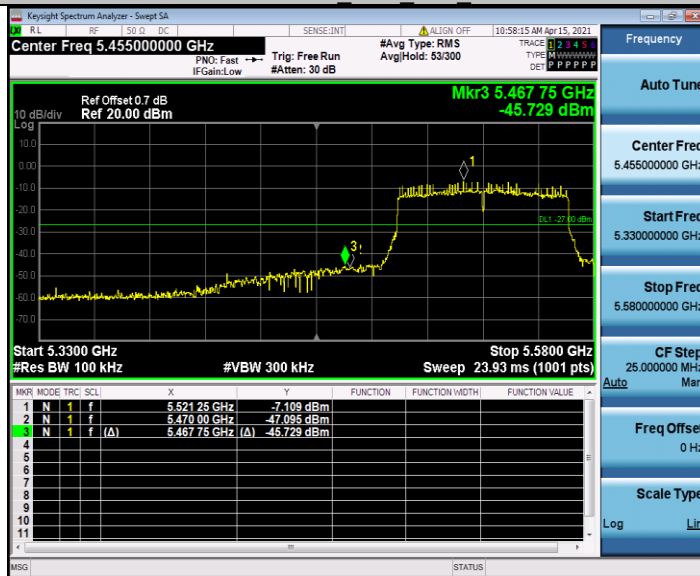
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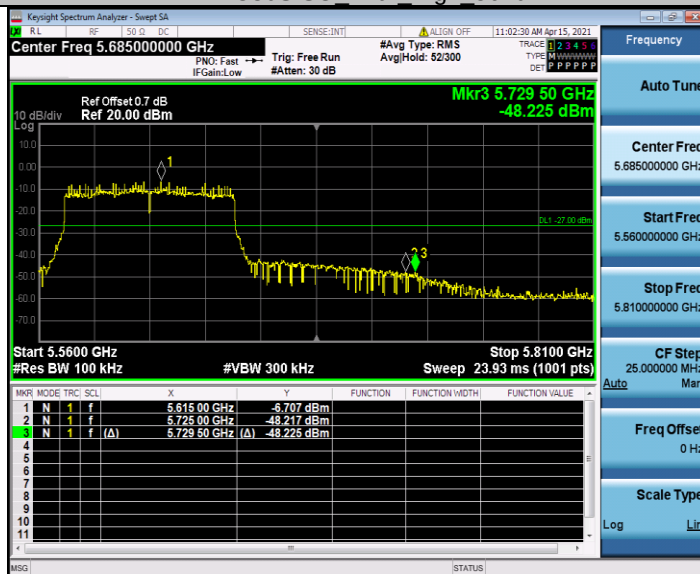
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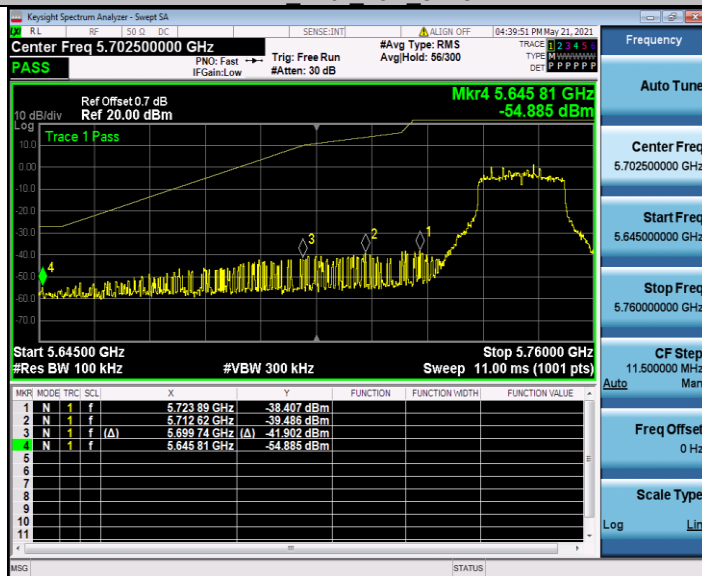


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Band U-NII-3:

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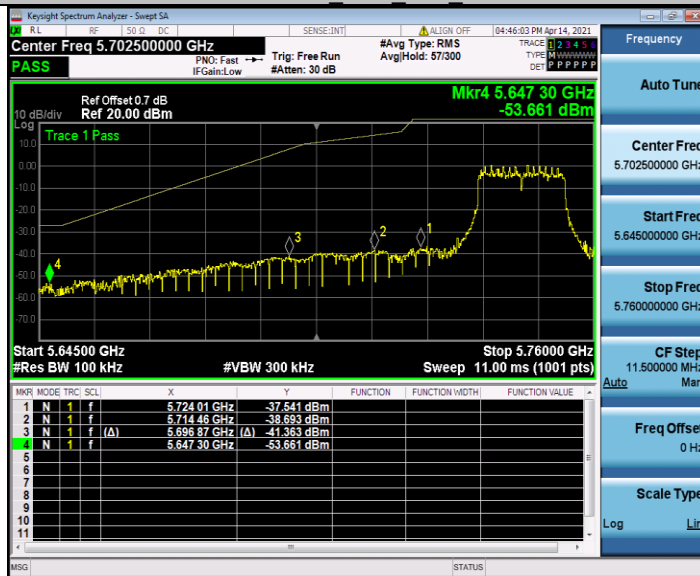


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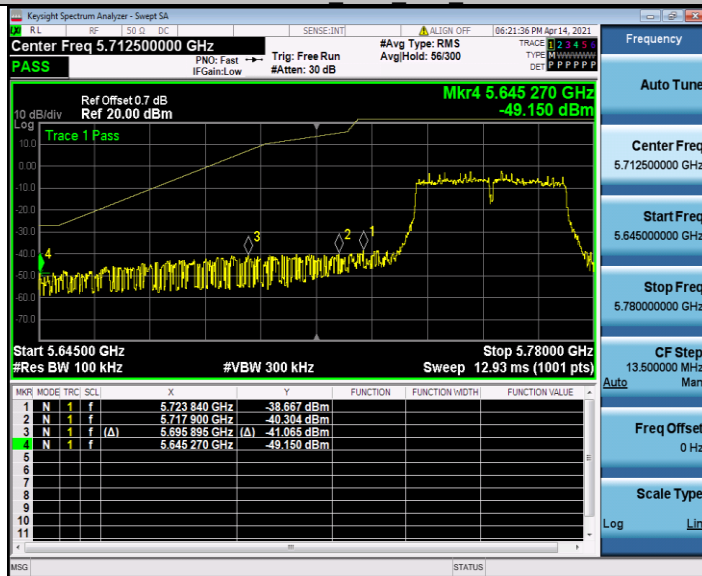
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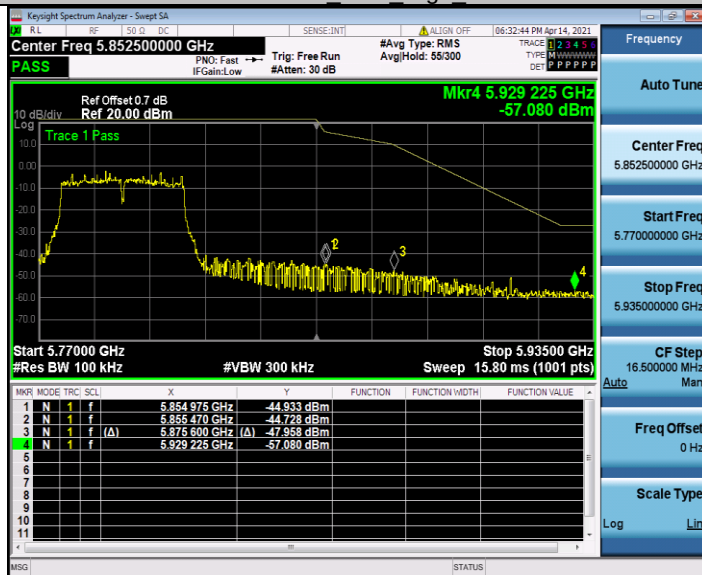
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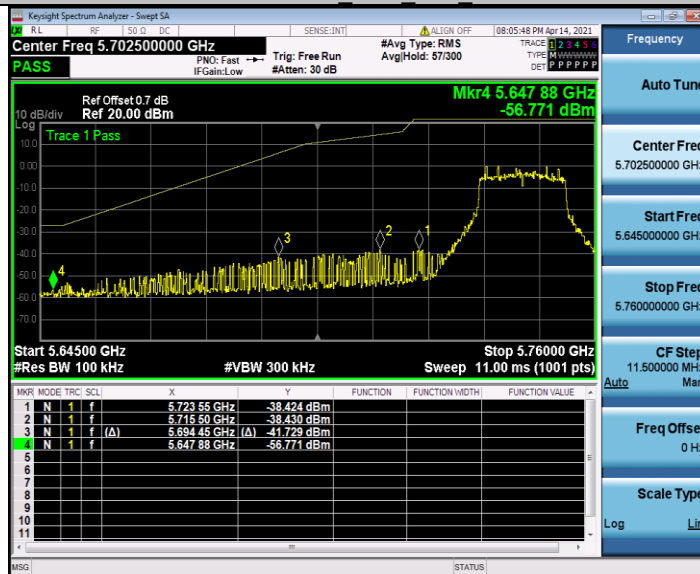
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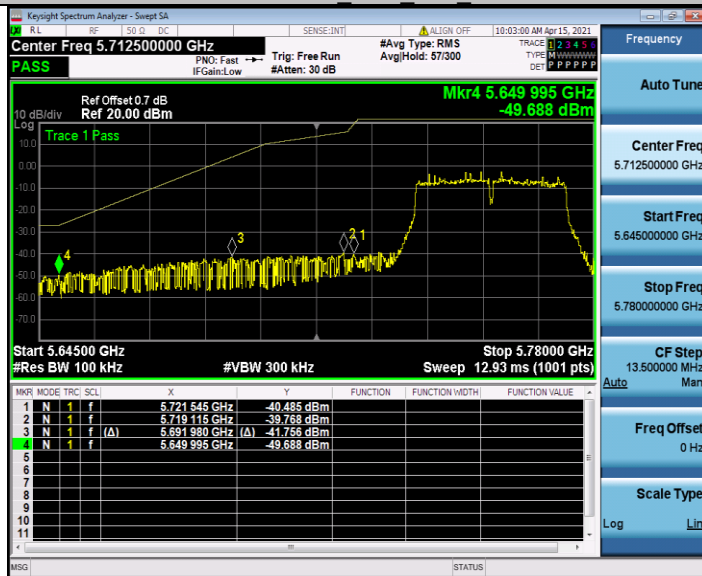
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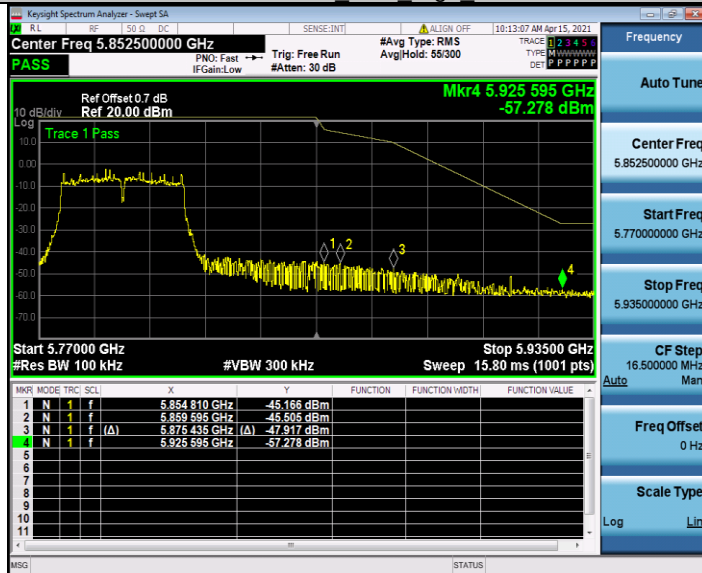
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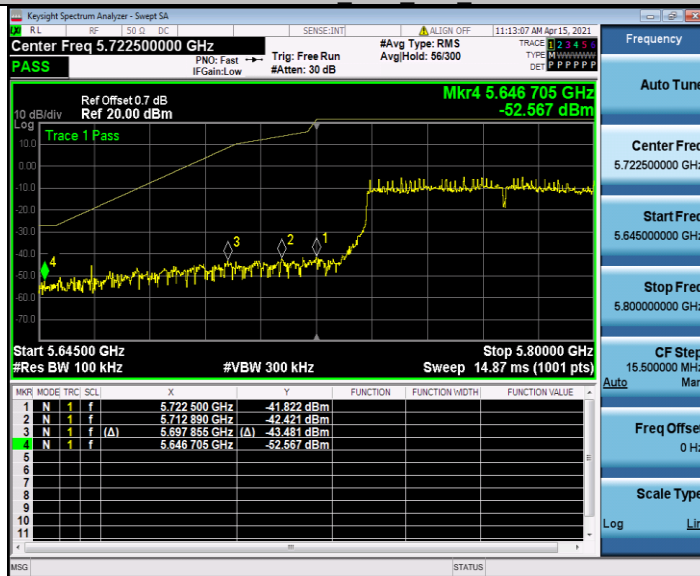
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11AC80SISO_Ant1_High_5775

